

19990331.qrp v01\_n412.qrl.990331

Date: Wed, 31 Mar 1999 19:03:27 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1412

## QRP-L Digest 1412

Topics covered in this issue include:

- 1) [36910] NC20 AGC Mod: Thanks Dave!  
by Charlie Panek <charlier@lsid.hp.com>
- 2) [36911] Re: NorCal Resistor Kits Sold Out!!  
by dave.g0dja@psilink.co.uk (Dave Ackrill)
- 3) [36912] Re: Latest NC Kit: humor, long  
by dave.g0dja@psilink.co.uk (Dave Ackrill)
- 4) [36913] Solder Stations  
by dfirlik@juno.com
- 5) [36914] Fwd: Re: Metrication for Dummies  
by "Bruce Prior" <n7rr@hotmail.com>
- 6) [36915] CHEAPSKATES: Re: Solder Stations  
by "Paul R. Valko" <prvalko@oakland.edu>
- 7) [36916] Sun Study Page  
by "Ron Polityka" <wb3aal@talon.net>
- 8) [36917] Re: QRP DVM  
by J38AL@aol.com
- 9) [36918] Help with SWL QSL Cards  
by DENNISMO@aol.com
- 10) [36919] Atlanticon!  
by KM3D <bump-km3d@redrose.net>
- 11) [36920] Re: CHEAPSKATES: Re: Solder Stations  
by Jim Lyons <lyons@canada.com>
- 12) [36921] Re: Latest NC Kit: humor, long  
by w4bws@juno.com
- 13) [36922] Re: NorCal Resistor Kits Sold Out!!  
by w4bws@juno.com
- 14) [36923] NC-20 AGC mod tip  
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 15) [36924] Re: Solder Stations  
by Michael Melland <badger@vbe.com>
- 16) [36925] re: MFJ-9030 - Thanks!  
by maprath@prairienet.org (Mark A. Prather)
- 17) [36926] Re: 10 Meters in great shape this weekend  
by herr@ridgecrest.ca.us (Michael Herr)
- 18) [36927] Dayton 1999  
by Hank Kohl K8DD <k8dd@contesting.com>
- 19) [36928] Soldering stations

- by Ted Beach <tedbeach@yahoo.com>
- 20) [36929] Antenna software  
by "Bruce" <Bruce2@prodigy.net>
- 21) [36930] Re: 10 Meters in great shape this weekend  
by Jeff Johns <jeffj@scott.net>
- 22) [36931] Atlanticon; Kite; Recovery....  
by S LYON <sslyon@worldnet.att.net>
- 23) [36932] Re: Antenna software  
by Andy C Meng <andymeng@juno.com>
- 24) [36933] FDIM: which day?  
by Andy C Meng <andymeng@juno.com>
- 25) [36934] Re: CHEAPSKATES: Re: Solder Stations  
by "Paul R. Valko" <prvalko@oakland.edu>
- 26) [36935] Solder Station  
by Lee Bahr <bahr521@earthlink.net>
- 27) [36936] Wow...thanks!  
by Jim Glover <psykey@okcforum.org>
- 28) [36937] Re: Trade for Silver Mica capacitors?  
by Gary L Surrency <gsurrency@juno.com>
- 29) [36938] Atlanticon Photo Gallery  
by "George Heron" <n2apb@erols.com>
- 30) [36939] FS or Trade: MFJ Code Tutor  
by Jeff Johns <jeffj@scott.net>
- 31) [36940] NC-20  
by "Gary Evans" <gevans@lightspeed.net>
- 32) [36941] Re: Wow...thanks!  
by Jeff Johns <jeffj@scott.net>
- 33) [36942] 8044 availability  
by "Ed Tanton" <n4xy@mindspring.com>
- 34) [36943] Re: Curtis IC  
by The Phreique <slombard@primenet.com>
- 35) [36944] Does anyone remember this antenna?  
by "Bruce" <Bruce2@prodigy.net>
- 36) [36945] Re: Soldering stations  
by DYARNES@aol.com
- 37) [36946] 15M QRP on a 60" Antenna?  
by Bill B Lazure <n2tpa@juno.com>
- 38) [36947] K2 & the solder station stampede... (long)  
by "Radman" <radman@best.com>
- 39) [36948] AW: Dirth of 6 meter kits  
by "Peter Zenker" <Peter\_DL2FI@csi.com>
- 40) [36949] Re: 8044 availability  
by pmk@juno.com
- 41) [36950] WTB 453 Scope manual  
by Jim Lyons <lyons@canada.com>
- 42) [36951] Re: Solder Station  
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 43) [36952] Those yellow/orange Atlanticon T-shirts

by "George Heron" <n2apb@erols.com>  
44) [36953] K beacon  
by "Steve/n0tu" <n0tu@webaccess.net>  
45) [36954] Royal Mail to the Tropics...  
by Bruce T Hopkins <KL7H\_C6A@compuserve.com>  
46) [36955] RE: Does anyone remember this antenna?  
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>  
47) [36956] CW Offset  
by Brad Mugleston <bmug@gwl.com>  
48) [36957] RE: CW Offset  
by "James C. Owen, III" <owen@piper.eeel.nist.gov>  
49) [36958] Re: Royal Mail to the Tropics...  
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
50) [36959] Storage for those resistors  
by Bcieslak@ra.rockwell.com  
51) [36960] any blank 38s boards and where is the magnum  
by Bcieslak@ra.rockwell.com  
52) [36961] RE: CW Offset  
by "Richard Hensel" <rrhensel@sprintmail.com>  
53) [36962] Re: Solder Station  
by PHILLIPS RICHARD <phillips@msoe.edu>  
54) [36963] Re: Solder Station  
by Michael Neverdosky <MichaelN@cycat.com>  
55) [36964] NC20 Power Connector  
by Larry East <w1hue@amsat.org>  
56) [36965] NC20 Power Connector - CORRECTION!!  
by Larry East <w1hue@amsat.org>  
57) [36966] CW Offset  
by Brad Mugleston <bmug@gwl.com>  
58) [36967] FS: TT1320 - 20 meter QRP rig  
by W2IV@aol.com  
59) [36968] FS: 40 meter qrp rig (repost)  
by W2IV@aol.com  
60) [36969] Re: CW Offset  
by "William H. Launer" <launerb@crl.com>  
61) [36970] NC-20 Labeling Artwork  
by Theodore Wong <wong\_th@eng.printronix.com>  
62) [36971] CW Offset  
by Brad Mugleston <bmug@gwl.com>  
63) [36972] NiCd packs & solder station on sale at Tech America  
by Dave Ek <ekdave@earthlink.net>  
64) [36973] Re: 2N2/40 parts  
by "Mont Pierce, KM6WT" <montp@synacom.com>  
65) [36974] RE: CW Offset  
by Brad Mugleston <bmug@gwl.com>  
66) [36975] Re: CW Offset  
by Jeff Logullo <jeff.logullo@Central.Sun.COM>  
67) [36976] RE: Homebrew Paddles

by "Harry T. Hurst" <hhurst@delaware.infi.net>  
68) [36977] Elmer200 and Elmer205 Update  
by Chuck Adams <adams@ticnet.com>  
69) [36978] CW offset  
by Brad Mugleston <bmug@gwl.com>  
70) [36979] coax  
by PHILLIPS RICHARD <phillips@msoe.edu>  
71) [36980] Re: CW Offset  
by Don Lefrancois <wb1cdh@cwix.com>  
72) [36981] For sale: power supply  
by "David Maliniak" <dmaliniak@penton.com>  
73) [36982] Re: Help with SWL QSL Cards  
by "Walter D. Amos" <waltk8cv@surfree.com>  
74) [36983] NOT CW OFFSET but better  
by Brad Mugleston <bmug@gwl.com>  
75) [36984] RE: CW Offset  
by Brad Mugleston <bmug@gwl.com>  
76) [36985] Atlanticon Kudo's to all  
by Paul Harden <pharden@aoc.nrao.edu>  
77) [36986] Paddles  
by "Harry T. Hurst" <hhurst@delaware.infi.net>  
78) [36987] Re: NC-20 Labeling Artwork  
by Theodore Wong <wong\_th@eng.printronix.com>  
79) [36988] Power supply sold  
by "David Maliniak" <dmaliniak@penton.com>  
80) [36989] Re: Curtis IC  
by "Tony Fishpool" <g4wif@btinternet.com>  
81) [36990] Re: CW Offset  
by Gary L Surrency <gsurrency@juno.com>  
82) [36991] Re: NC-20 Labeling Artwork  
by Dave Ek <ekdave@earthlink.net>  
83) [36992] Re: Help with SWL QSL Cards  
by "John J. McDonough" <jjmcd@tm.net>  
84) [36993] Atlanticon Photo Gallery  
by Bill Jones <kd7s@psnw.com>  
85) [36994] NorCal's April Meeting  
by Jerry Parker <jparker@fix.net>  
86) [36995] Wilderness Sierra Front Panel w/kc-2 cutouts  
by Guy Dragoo <GDRAG@proedge.com>  
87) [36996] Re: coax  
by Brad Bradfield <b\_bradfield@yahoo.com>  
88) [36997] Re: Knob for odd fitting  
by Karl.Kanalz@optelinc.com  
89) [36998] WTB: Bare Bones Sierra  
by "Kelly Ellison" <kelman@dialnet.net>  
90) [36999] NorCal Resistor Kits, Second Run??  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
91) [37000] Re: NOT CW OFFSET but better

by Brad Bradfield <b\_bradfield@yahoo.com>  
92) [37001] Re: 15M QRP on a 60" Antenna?  
by Donald E Sanders <w4bws@juno.com>  
93) [37002] Storing those NorCal Resistor Kits  
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
94) [37003] RE: CW Offset  
by Brad Mugleston <bmug@gwl.com>  
95) [37004] Re: 12 VOLT FLOURESCENT LIGHTS  
by "JOHN & NANCY MERRILL" <APPLESTORAGE@email.msn.com>  
96) [37005] RE: NOT CW OFFSET but better  
by Brad Mugleston <bmug@gwl.com>  
97) [37006] RE: CW Offset  
by Brad Mugleston <bmug@gwl.com>  
98) [37007] FS: Unbuilt Ten Tec 6 Meter Transverter Kit. Never opened.  
by RobCap@aol.com  
99) [37008] Re: coax  
by "Harry T. Hurst" <hhurst@delaware.infi.net>  
100) [37009] Re: coax  
by "Harry T. Hurst" <hhurst@delaware.infi.net>  
101) [37010] Re: 12 VOLT FLOURESCENT LIGHTS  
by "George T. Baker" <w5yr@swbell.net>  
102) [37011] Re: coax  
by "Mike Yetsko" <myetsko@insydesw.com>  
103) [37012] surplus stuff  
by Scott Howell <whowell@hq.nasa.gov>  
104) [37013] ethernet terminator question  
by "Mont Pierce, KM6WT" <montp@synacom.com>  
105) [37014] cw offset[?]  
by Ted Beach <tedbeach@yahoo.com>  
106) [37015] RE: ethernet terminator question  
by "James C. Owen, III" <owen@piper.eeel.nist.gov>  
107) [37016] HB Paddles  
by Ted Beach <tedbeach@yahoo.com>  
108) [37017] straight key..  
by sergio <sruiz@bright.net>  
109) [37018] Re: Does anyone remember this antenna?  
by "Bruce" <Bruce2@prodigy.net>  
110) [37019] Re: coax  
by "Radman" <radman@best.com>  
111) [37020] Inexpensive aluminum panels  
by "Allen Jones" <jonall@pinnaclebank.com>  
112) [37021] A little travelling music, maestro! & road cases in general  
by Nils R Young <nilsbull@juno.com>  
113) [37022] Re: coax  
by Randy Randall <RANDALLR@Healthall.com>  
114) [37023] 20 Ft. fishing Pole enhancement.  
by Ed Loranger <we6w@qsl.net>  
115) [37024] Unidentified Carriers on 20 Meters.

by "Arthur G. Silvers" <ags@ieee.org>  
116) [37025] 20 Ft. fishing Pole enhancement.  
by Ed Loranger <we6w@qsl.net>  
117) [37026] Re: ethernet terminator question  
by Karl.Kanalz@optelinc.com  
118) [37027] Re: Tuners: 949 vs 969  
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
119) [37028] Re: coax  
by FrConrad@aol.com  
120) [37029] Re: A little travelling music, maestro! & road cases in general  
by Bob Hightower <ki7mn@extremezone.com>  
121) [37030] Final wiring of QRP-PA  
by Bob Hightower <ki7mn@extremezone.com>  
122) [37031] Re: 10m Foxhunt....  
by "Kent, AE4Y" <ae4y@hotmail.com>  
123) [37032] Re: coax  
by Dick Rucker <rrucker@clark.net>  
124) [37033] Re: surplus stuff  
by Bruce Muscolino <w6toy@erols.com>

-----  
Date: Tue, 30 Mar 1999 15:55:41 -0800  
From: Charlie Panek <charlier@lsid.hp.com>  
To: fifield@pacbell.net  
Cc: qrp-l@lehigh.edu  
Subject: [36910] NC20 AGC Mod: Thanks Dave!  
Message-ID: <3701647D.485F@lsid.hp.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Dave:

I got your AGC mod wired in today, and tried it out on the bench. Ahhh, much better. The "motorboating" I used to get is gone. While listening to a "simulated string of dots" (signal generator AM modulated by a square wave), with just the right (fairly strong) signal level, I used to get a slowly undulating AGC voltage, which would make every 4th or 5th dot disappear. This is gone, and I get nice AGC action all the way up to -10 dBm or so, above which it just gets louder.

Thanks! I had half a mind to plunge in there myself, but I had a hunch that if I procrastinated enough, someone else would figure it out ;-).

72,  
Charlie  
KX7L

--

Charlie Panek  
mailto:charlier@lsid.hp.com

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Date: Tue, 30 Mar 1999 22:31:55 -0800  
From: dave.g0dja@psilink.co.uk (Dave Ackrill)  
To: qrp-1@lehigh.edu  
Subject: [36911] Re: NorCal Resistor Kits Sold Out!!  
Message-ID: <E10S719-0005bK-00@relay2.mail.uk.psi.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

It's worse than that, these components will Lead you on, what you need to do is start buying some coils, so you don't then you wont be Lagging behind for the next kit.

>Whew. First you come out with a kit of parts that \*waste\* power, and now you're  
>planning one that will only contain OPEN CIRCUITED components! I suppose after  
>that it will be gadgets with unnecessary hookup wire coiled up inside.

Don't all React at once, will you?

de Dave (G0DJJA)

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Date: Tue, 30 Mar 1999 22:31:53 -0800  
From: dave.g0dja@psilink.co.uk (Dave Ackrill)  
To: qrp-1@lehigh.edu  
Subject: [36912] Re: Latest NC Kit: humor, long  
Message-ID: <E10S717-0005bK-00@relay2.mail.uk.psi.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Is anyone going to offer this kit to those of us the other side of the pond?

How much 'resistance' will I have to overcome at customs?

Could I give a good 'ohm' to an unwanted one?

I'll give up now, before this thread 'leads' me astray, and I end up getting to the edge of someones 'tollerance'.

de Dave (G0DJJA)

>>I'm sorry I'm new to the group. Does someone have  
>>a copy of all the postings on the NC resistor kit. I  
>>didn't think that I would need them at the time but now  
>>I do. Thanks in advance.

-----  
Date: Tue, 30 Mar 1999 19:45:04 -0500  
From: dfirlik@juno.com  
To: qrp-1@Lehigh.EDU  
Subject: [36913] Solder Stations  
Message-ID: <19990330.194508.-173835.2.dfirlik@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Dayton is coming up soon and the dealers there have very good prices on solder stations.....if you can wait that long!

Don K8AQZ  
Grand Rapids, MI

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You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Tue, 30 Mar 1999 17:06:14 PST  
From: "Bruce Prior" <n7rr@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [36914] Fwd: Re: Metrication for Dummies  
Message-ID: <19990331010615.43803.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-type: text/plain

>From: "Bruce Prior" <n7rr@hotmail.com>



>To: buydens@duke.usask.ca  
>Subject: Re: Metrication for Dummies  
>Date: Tue, 30 Mar 1999 16:37:22 PST  
>  
>Hi Brian --  
>Thanks for your interest! "Twenty degrees Celsius" is actually  
correct.  
>Celsius is "approved" for use with SI, but the actual base unit for  
>temperature in SI is Kelvin. Therefore, you would say "315 Kelvin,"  
NOT  
>"315 degrees Kelvin," normally written "315 K," but 20 degrees Celsius  
>is written 20, immediately followed by the raised "o" with NO  
>spacing, (sorry, I can't send that reliably in an e-mail), followed by  
>"C," again with no spacing. Degrees Celsius is the ONLY case approved  
>for use in SI where the value is not followed by a space.  
>72, Bruce Prior N7RR in Blaine, WA n7rr@hotmail.com  
>  
>  
>>BTW does anyone know why we say 20 degrees Celcius rather than 20  
>Celcius.  
>>Is this part of the SI standard or just usage? After all we don't way  
>20  
>>units Volt.  
>>  
>>+-----+  
>>| Brian Buydens, Computing Services, University of  
>Saskatchewan |  
>>| email: Brian.Buydens@usask.ca  
>http://duke.usask.ca/~buydens |  
>>| VE5RDV

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-----  
Date: Tue, 30 Mar 1999 20:27:11 -0500 (EST)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: dfirlik@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [36915] CHEAPSKATES: Re: Solder Stations  
Message-ID: <Pine.OSF.3.95.990330202328.31495A-100000@saturn.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 30 Mar 1999 dfirlik@juno.com wrote:

> Dayton is coming up soon and the dealers there have very good prices on

> solder stations.....if you can wait that long!

As you exit the big tent out in the flea market and are looking east hang a right and walk a ways south... maybe five or six isles.

There is a dealer there every year who sells laser pens and all types of hardware. They sell this Orange Weller adjustable temp soldering station for \$25. It is incredible and works just great - mine is 3 years old and has built a TON of QRP projects. They were at the Toledo Ohio swap two weeks ago and had a pile of them there - wish I knew their name.

73! =paul= W8KC

Collector of Ten\*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

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Date: Tue, 30 Mar 1999 20:48:54 -0500  
From: "Ron Polityka" <[wb3aal@talon.net](mailto:wb3aal@talon.net)>  
To: "QRP-L" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [36916] Sun Study Page  
Message-ID: <000b01be7b18\$a2cf9fe0\$185445c6@ronaldpo>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

This is for all who heard Paul Harden, NA5N, talk at the Atlanticon 1999 Forum. This should explain some un-answered questions.

<http://www.ssl.msfc.nasa.gov/ssl/pad/solar/whysolar.htm>

72 & 73

Good DXing

Ron de WB3AAL

[wb3aal@talon.net](mailto:wb3aal@talon.net)

vvv Eastern PA QRP Club Web Page vvv  
[http://www.kpsnet.com/wb3aal/Start\\_Page.htm](http://www.kpsnet.com/wb3aal/Start_Page.htm)  
Eastern PA QRP Club Call ----> N3EPA

Eastern PA QRP # 1      ARCI QRP # 5318  
NJ-QRP # 179          G-QRP # 3031

KL7 QRP # 309

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Date: Tue, 30 Mar 1999 20:46:47 EST  
From: J38AL@aol.com  
To: qrp-1@lehigh.edu  
Cc: pmk@juno.com  
Subject: [36917] Re: QRP DVM  
Message-ID: <83709bf1.37017e87@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

In a message dated 3/29/99 11:42:18 PM Eastern Standard Time, pmk@juno.com writes:

<< Anyway back to the Micronta meter. I have noticed that I have only put batteries in it 3 times. A few years after I got it , once left in tool box while it was turned on for about 6 months and that was over five years ago (the expiration date on the batteries now are July 94 Duracells) I don't know how many times it gets left on for a few days and no telling how many times left on over night.  
>>

I have one of them and had it for about 10 years too. I used to use it a lot but now it just sits there on the bench waiting for the need of an extra meter to be hooked up. Seeing this post made me go down to my workbench in the basement and check the batteries in it. I had put tape on each battery and wrote the install date on them.  
They are RS Alkaline 'C' batteries - 4 of them and dated 3-2-91 !!! And its been left on for weeks at a time and it still works.

Moral of this story - check your battery powered equipment regularly! The batteries in my meter didn't leak YET but they are file 13 now. Guess I'm just lucky.

72 A1 N2ZHS

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Date: Tue, 30 Mar 1999 20:59:06 EST  
From: DENNISMO@aol.com  
To: qrp-1@lehigh.edu

Subject: [36918] Help with SWL QSL Cards  
Message-ID: <f89c4671.3701816a@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi All -

This is a bit, okay way off, the subject of QRP. But I need a little help here. Last August several of us here in the Goleta/Santa Barbara, CA area operated a Special Event station commemorating Lighthouses around the world. We have a light here in Santa Barbara so we did it and had a great time. Now for the question: We have received two QSL cards from shortwave listeners and their "callsigns" are a bit of a mystery to me. One is KMA1JL and the other is W0-20276. Is there a SWL callsign server where these callsigns can be found? I wasn't even aware that SWL'ers sent and received QSL cards. Hey, live and learn.

Thx in advance,

72 de Denny AD6EZ<><

-----  
Date: Tue, 30 Mar 1999 21:00:46 -0500  
From: KM3D <bump-km3d@redrose.net>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [36919] Atlanticon!  
Message-ID: <370181CD.F971510D@redrose.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Whew!

Well, the car has been unloaded and the laundry done, and there's a pile of hamfest goodies in the corner of the shack, but I'm still thinking about the people. All you guys at Atlanticon were great. I'm going to our local 'QRO' club breakfast this weekend - they're gonna get an earfull! Thanks to all in the NJQRP club - you don't need to be told it was a lot of work, and to all the speakers; I'll be reading and re-reading 'The Proceedings' - while working toward (working, not waiting for) next year's event.

Bring on the 2n22/40 project!

Harry, KM3D

-----  
Date: Tue, 30 Mar 1999 21:24:20 -0500  
From: Jim Lyons <lyons@canada.com>  
To: prvalko@oakland.edu, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [36920] Re: CHEAPSKATES: Re: Solder Stations  
Message-ID: <3.0.5.32.19990330212420.0085fbb0@pop.hip.cam.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Paul,

Is that the WTC 100 (I think that's the number) which has been on sale in the Montreal area. I'd describe it as red but it might be orange. It has a two rather than a three pin mains plug and I've hesitated on that account and because I had the impression that it was just a Weller iron with a SCR built in and not true temperature control.

Am I right?

Jim Lyons, VE2KN  
Montreal

At 08:27 PM 3/30/99 -0500, Paul R. Valko wrote:

>  
>On Tue, 30 Mar 1999 dfirlik@juno.com wrote:  
>  
>> Dayton is coming up soon and the dealers there have very good prices on  
>> solder stations.....if you can wait that long!  
>  
>As you exit the big tent out in the flea market and are looking east hang  
>a right and walk a ways south... maybe five or six isles.  
>  
>There is a dealer there every year who sells laser pens and all types of  
>hardware. They sell this Orange Weller adjustable temp soldering station  
>for \$25. It is incredible and works just great - mine is 3 years old and  
>has built a TON of QRP projects. They were at the Toledo Ohio swap two  
>weeks ago and had a pile of them there - wish I knew their name.  
>  
>73! =paul= W8KC  
>Collector of Ten\*Tecs and other fine plastics

><http://www.acs.oakland.edu/~prvalko>

>  
>  
>  
>  
>  
>

-----  
Date: Tue, 30 Mar 1999 00:07:34 -0800  
From: w4bws@juno.com  
To: vintage@best.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [36921] Re: Latest NC Kit: humor, long  
Message-ID: <19990330.213655.-139679.1.w4bws@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

On Fri, 26 Mar 1999 13:31:00 -0800 (PST) "Robert P. Okas"

<vintage@best.com> writes:

>Conrad, et. al.,

>Feh, Appliance designers! Why I remember the days when I used to

>wind my own resistors from carbonized cat's-whiskers! >

>

>Bob - W3CD

>

Bob, do you remember the "Reddisnatch 11" that we used to hold the  
cats still while we removed the whiskers for carbonization.

Sure would like to have one these days to hang on the wall with the  
"Wulfhong" antiQRM device that was made so popular by "The Old Man".

>

Don Sanders W4BWS

694 E. Eau Gallie Blvd

Satellite Beach ,FL 32937

My favorite QRP rig glows in the dark

-----  
Date: Tue, 30 Mar 1999 00:59:07 -0800

From: w4bws@juno.com

To: rakefet@rakefet.com

Cc: qrp-1@Lehigh.EDU

Subject: [36922] Re: NorCal Resistor Kits Sold Out!!

Message-ID: <19990330.213655.-139679.2.w4bws@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

After the caps it will be time for the QRP power meter/dummyload kit  
with built in keyer sidetone and vox rx mute/antenna switching circuit.  
Don W4BWS

On Mon, 29 Mar 1999 11:15:50 -0800 Vic Rosenthal <rakefet@rakefet.com>  
writes:

>Hendricks, Doug wrote:

> We will be doing caps next.

>

>Whew. First you come out with a kit of parts that \*waste\* power, and  
>now you're planning one that will only contain OPEN CIRCUITED  
>components! I suppose after that it will be gadgets with unnecessary  
hookup wire coiled up inside.

>

>73,

>Vic, K2VCO

>Fresno CA

>

Don Sanders W4BWS  
694 E. Eau Gallie Blvd  
Satellite Beach ,FL 32937  
My favorite QRP rig glows in the dark

-----  
Date: Tue, 30 Mar 1999 21:44:26 -0500  
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>  
To: gsurrency@juno.com, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>  
Subject: [36923] NC-20 AGC mod tip  
Message-ID: <37018C0A.28FC839D@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gary: Do you mean that we should do your modifications in addition to  
Dave Fifield's AGC mod???

I'm planning on getting started on my it and I want to incorporate the  
mod into the initial construction.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

-----

Date: Tue, 30 Mar 1999 20:46:56 -0600  
From: Michael Melland <badger@vbe.com>  
To: qrp-l@Lehigh.EDU  
Subject: [36924] Re: Solder Stations  
Message-ID: <37018CA0.3D88@vbe.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I used the Weller WTCPT (it's blue) in college some years ago and finally remembered the name of the company ( <http://www.wassco.com> ) selling them at a good price as mentioned on this list and ordered one last week.

I have used Weller and Ungar irons before but I must say that this station is one of the best I've used and one of the least expensive but best buys for anyone working on radio gear ! The temp regulation is first class and it really works FB. This is not the "red" or "orange" version and is a much better "machine". One thing I noticed is that our local instrument repair/metrology lab has WTCPT's on their benches. And with the rates they charge I'm sure they can afford "the best" <grin>. And... yesterday I ordered 10 extra tips from <http://www.tooltown.com> for 2.20 each !

73

--

Michael Melland, W9WIS  
Winneconne, Wisconsin, USA  
FISTS #4387, 10-10 #69281, QRP-L #1656,  
QRP-ARCI #9875, AK/QRP #478, NorCal  
CW, SSB, and Electronics  
List Administrator: [grundig@qth.net](mailto:grundig@qth.net)  
<http://www.qsl.net/w9wis>

-----



Date: Tue, 30 Mar 1999 21:11:19 -0600 (CST)  
From: maprath@prairienet.org (Mark A. Prather)  
To: qrp-l@lehigh.edu  
Subject: [36925] re: MFJ-9030 - Thanks!  
Message-ID: <199903310311.VAA13463@bluestem.prairienet.org>

Wow!

I want to thank all that responded to my posting regarding my MFJ-9030!

There were just too many for me to personally respond to each and every one. I appreciate all the good comments and suggestions, and when time permits, I'll be looking into the situation. It is a very nice rig, and I enjoy using it. By the way - I do run it with an antenna tuner at all times...

Again thanks to all! What a great group!

72,

Mark  
WB9HFK

--

\* Mark A. Prather - WB9HFK           \* maprath@prairienet.org \*  
\* QRP-L # 1159 \* QRP ARCI # 9472 \* mprather@halcomm.com   \*  
\* Norcal # 2507   \*

-----  
Date: Tue, 30 Mar 1999 19:14:42 -0800 (PST)  
From: herr@ridgecrest.ca.us (Michael Herr)  
To: qrp-l@lehigh.edu  
Subject: [36926] Re: 10 Meters in great shape this weekend  
Message-ID: <v01530502b326bd404cb2@[208.138.143.142]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

On Mon, 29 Mar 1999, Adrian Weiss wrote:

>  
> Oh well..... does anyone have an XYL who thininks bunches

> of wires and cables look nice?

>

> 72, Ade

yep, of course her call is N6VGW and a terrific lady!

...Mike WA6ARA

-----  
Date: Tue, 30 Mar 1999 22:19:37 -0500  
From: Hank Kohl K8DD <k8dd@contesting.com>  
To: qrp-l@lehigh.edu  
Subject: [36927] Dayton 1999  
Message-ID: <4.1.19990330221459.01a02600@192.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Dayton Hamvention May 13 (FDIM) 14, 15, 16, 1999

Just updated the web page <http://www.tir.com/~k8dd/dids.htm>  
At this time all the rooms are spoken for.  
However April 15 is coming and we may have some rooms as those not  
confirmed with Days Inn South by April 15 may be removed from the  
reservation list.

If you aren't on the room list and want a room at the QRP-ARCI / FDIM /  
banquet / vendors night motel, let me know - we have a standby list.

Dayton fever is building!

73 Hank K8DD

\*/ Hank Kohl K8DD k8dd@arrl.net  
\*/ ARRL TS <http://www.tir.com/~k8dd>  
\*/ MI-QRP - Vice Pres. QRP-ARCI - Director  
\*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

-----  
Date: Tue, 30 Mar 1999 19:26:11 -0800 (PST)  
From: Ted Beach <tedbeach@yahoo.com>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [36928] Soldering stations

Message-ID: <19990331032611.25152.rocketmail@web612.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

A couple of years ago someone posted a great deal from an outfit in the Midwest [Electronic Goldmine??]. It was a Solomon SL10 and was \_VERY\_ inexpensive, around \$30.00 as I recall. I have been using it on a daily basis and am still on the original plated tip! I bought extras 'just in case' but have not needed them.

Sorry to be vague on source, but I just forgot. Perhaps the person who posted originally can help.

K4MKX

==

Ted Beach

-----  
DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Tue, 30 Mar 1999 19:35:32 -0800  
From: "Bruce" <Bruce2@prodigy.net>  
To: <qrp-1@lehigh.edu>  
Subject: [36929] Antenna software  
Message-ID: <009001be7b27\$88f8cba0\$85809cd1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Which of the antenna modeling software is the most user friendly, and runs in windows 95 or later (not basic)?

I need this to Elmer beginners. They really don't wish to become antenna engineers in order to use the product. Just some software that is user friendly and that works reasonably well for the amateur hobbyist

Bruce

-----  
Date: Tue, 30 Mar 1999 21:48:30 -0600

From: Jeff Johns <jeffj@scott.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [36930] Re: 10 Meters in great shape this weekend  
Message-ID: <199903310348.VAA22994x@scott.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

On Tue, 30 Mar 1999 19:14:42 -0800 (PST), herr@ridgecrest.ca.us (Michael Herr) wrote:

> yep, of course her call is N6V G W and a terrific lady!

^ ^ ^  
| | |  
V G W  
E O O  
R O M  
Y D A  
N

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, A0-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

-----  
Date: Tue, 30 Mar 1999 22:54:59 -0500  
From: S LYON <sslyon@worldnet.att.net>  
To: qrp chat <qrp-1@Lehigh.EDU>  
Subject: [36931] Atlanticon; Kite; Recovery....  
Message-ID: <37019C93.57DD331B@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Sharon and I (and our 105 lb BOUVADOR) left Beacon, NY late Thursday to visit family and crabcakes in DE/MD area. Good move... except that computer generated instructions are... 'ow we say... not quite ready for prime time. I got lost every nite on the way back to Laurel from Atlanticon -but had wonderful reflections to cool my frustrations. What

a complete gasss! NJQRP have shown us how to do it and set the bar mighty hi in the effort. It is a special treat now being able to attach faces to the calls/names on the list -and their presentations, as well.

It was gratifying to note the interest in the Scott Sled kite, and the e-mail follow-ups since. We'd have flown an operating antenna except that nobody, including me, wanted to be away from the presentations! Several commented that the kite was visible from the Hamfest and far down Rte 83. Next time we'll do some special decorating.

I'll be providing full documentation and notes on building and operating Scott Sleds - within a couple of days. I'd be pleased to do continuing tests/scheds, etc. as time goes on and have some thoughts to share on various strategies to try. Stay tuned!

THANK YOU NJQRP CREW EACH AND EVERY ONE!

72  
-S-

'Seab' Lyon - AA1MY  
Beacon NY USA FN-31  
QRP-L 574 ARCI 9253

-----  
Date: Fri, 1 Jan 1999 04:11:10 -0500  
From: Andy C Meng <andymeng@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [36932] Re: Antenna software  
Message-ID: <19990101.041642.9718.6.andymeng@juno.com>

Well, it's not windows based, but I have the ELNEC demo, and it seems to work very well. It is very user friendly, and calculates quickly, even on my 120MHz 486.

You can download it from W7EL's web page. I'm not sure offhand what it is.  
The demo version is free, but you are limited to 15 segments. It's okay for me to do a little playing around with, though. Yagi's are fun to experiment with spacing and gain increases.

73 de KC8KFI Andy  
QRP-L #1813 Cincinnati, OH Total HF CW QRP contacts: 24  
e-mail: andymeng@juno.com URL: <http://www.qsl.net/kc8kfi/>  
SW-40+ running 2W into a Dipole at 24ft. and straight key  
HTX-202, KPC-3, and Garmin 45

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

---

Date: Fri, 1 Jan 1999 04:16:37 -0500  
From: Andy C Meng <andymeng@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [36933] FDIM: which day?  
Message-ID: <19990101.041642.9718.7.andymeng@juno.com>

I am making plans and desperately hoping to go to FDIM. Since I live  
in Cincinnati, it's not too far of a drive, but my dad will only take me  
one  
day, if that. He'd love to go, he just can't get off. I am wondering  
which  
you guys would recommend. I want to get a lot of information, see a lot  
of you, learn a lot, and see some of these legendary rigs.

i am leaning towards Thursday, as i believe that's when the meetings  
are all day. Then after that meet some people and see some  
neat stuff. Just wondering....

73 de KC8KFI Andy  
QRP-L #1813 Cincinnati, OH Total HF CW QRP contacts: 24  
e-mail: andymeng@juno.com URL: <http://www.qsl.net/kc8kfi/>  
SW-40+ running 2W into a Dipole at 24ft. and straight key  
HTX-202, KPC-3, and Garmin 45

---

You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

---

Date: Tue, 30 Mar 1999 23:34:41 -0500 (EST)

From: "Paul R. Valko" <prvalko@oakland.edu>  
To: Jim Lyons <lyons@canada.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [36934] Re: CHEAPSKATES: Re: Solder Stations  
Message-ID: <Pine.OSF.3.95.990330231131.11600A-100000@saturn.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 30 Mar 1999, Jim Lyons wrote:

> Is that the WTC 100... I'd describe it as red but it might be orange. It  
> has a two rather than a three [conductor AC cord]...  
> ... I had the impression that it was just a Weller iron with a SCR built  
> in and not true temperature control.

Jim is probably right on every count. It is a WLC100, by Weller.  
It's rated at 40 watts, has only a two-wire AC cord, has a lighted on/off  
switch, a "temperature" control pot, a place to put a wet sponge and of  
course a wire "iron holder."

Look guys. Before I got paid to manage computer networks, I earned  
college money for several years working for Sony/Marantz/ and (GASP!)  
Radio Shack as a bench technician. In high school, I worked two years at  
an electronic assembly plant. It's pretty safe to assume I have soldered  
a few joints in my day and know of what I speak.

This \$25 Weller station is the goods. The unplated tips are junky and I  
replace them pretty regularly but they are cheap too. If this station  
cost three times as much, I might say to you to toss in some extra dough  
and get a nice commercial Ungar unit. BUT... for \$25 you can't go  
wrong. Mine has repaired dozens of ham rigs, built my 49er, NC-40A+, 38  
special, NC-20, and some other stuff - just fine.

I have no interest in Weller or Ungar, just passing you an opinion, it's  
your money. If you have any to spare, meet me at the beer truck in the  
Dayton flea market, your treat.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Tue, 30 Mar 1999 22:43:54 -0600  
From: Lee Bahr <bahr521@earthlink.net>  
To: qrp-1@Lehigh.EDU  
Subject: [36935] Solder Station  
Message-ID: <3701A80A.461D6D2D@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Who needs a soldering station when you own a 250 watt Black Beauty!  
These babies get with the program. I can solder a double sided board on  
both sides at the same time with this puppy! To control temperature,  
secure a 10 gallon bucket of water next to your right leg. A three  
second dip knocks the temperature down 300 degrees F for 3 seconds,  
giving you enough time to handle delicate work. (Maybe I should have  
sent this message Thursday). :- ) Lee Bahr w0vt

-----  
Date: Tue, 30 Mar 1999 22:43:21 -0600 (EST)  
From: Jim Glover <psykey@okcforum.org>  
To: qrp-1@lehigh.edu  
Cc: okcham@okcforum.org  
Subject: [36936] Wow...thanks!  
Message-ID: <199903310443.WAA26242@okcforum.org>  
Content-Type: text

My question about finding or substituting for RG-174 has generated so  
many offers for a free snippet of RG-174, that I have lost count!

As I was ranting to my wife just a little while ago...

Not only is ham radio a cool, fascinating hobby--it is also where you  
find some very cool, friendly people.

(Now, if only I could have such good luck where my question about  
getting a knob on that oddball variable capacitor shaft is concerned!)

Thanks, people! (Individual thanks to come via private email, later.)

--Jim WB5UDE

-----  
Date: Tue, 30 Mar 1999 21:44:27 -0700



From: Gary L Surrency <gsurrency@juno.com>  
To: k7gt@arrl.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [36937] Re: Trade for Silver Mica capacitors?  
Message-ID: <19990330.214702.-4108993.1.gsurrency@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Allan,

The 105pf cap I used in my SW-40+ was a left-over from an old Heathkit. It was handy, and just happened to give me the VFO range I desired (7.0 - 7.050 MHz). Since silver mica caps do not have predictable temp coefficients, a better choice would be an NPO or a COG monolithic cap.

The VFO in the SW-40+ is quite stable, since it operates at low frequency. So I got by OK with the s/m cap in my rig. Your mileage may vary. ;-)

If you're looking to obtain the full QRP gallon (5 watts), do the LPF mods I later posted on QRP-L. If you don't have them, let me know and I'll be glad to forward them to you.

72, and gl with your trail-friendly design.

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

---

Date: Tue, 30 Mar 1999 23:49:05 -0500  
From: "George Heron" <n2apb@erols.com>  
To: "NJ-QRP" <njqrp@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [36938] Atlanticon Photo Gallery  
Message-ID: <079501be7b31\$d8e8c520\$41cfaccf@herong>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Wow, what a time and what a showing for Atlanticon 99 QRP Forum, the first ever large QRP gathering on the east coast! Over 125 QRPers gathered in Baltimore, MD on March 26 and 27 to hear presentations from honored and illustrious QRP authorities: KD1JV, N1PWU, K5FO, NN1G, NA5N, N2CX and W4RNL, while also sharing in the camaraderie and fun of mingling with QRP friends across the country.

Another highlight of Atlanticon 99 was the Homebrew Construction Contest held in the hospitality suite on Saturday ... what an array for fine craftsmanship!

Well, much has been recapped about Atlanticon event (and we'll get all comments posted to the website pretty soon too), but during the interim let the photo gallery assembled on the NJ-QRP website (<http://www.njqrp.org/atlanticon/> ) suffice as your guide to the excitement, enthusiasm and electricity that was present during the weekend!

Thanks so much to all for attending Atlanticon! We hope to make it even bigger and better next year!!

72/73, George N2APB  
for the NJ-QRP Club, proud sponsor and host of Atlanticon 99  
at <http://www.njqrp.org>

PS: Thanks to Dean N2TNN and his son Nick for being the official Atlanticon photographers!

-----  
Date: Tue, 30 Mar 1999 22:56:24 -0600  
From: Jeff Johns <[jeffj@scott.net](mailto:jeffj@scott.net)>  
To: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [36939] FS or Trade: MFJ Code Tutor  
Message-ID: <199903310456.WAA19045x@scott.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

I have a MFJ-418 Code Tutor that I would like to sell or trade. I have the original box and the owner's manual. It's a nifty little unit, but I'm using my 200LX to practice with and find myself no longer using the Code Tutor. If interested, make me an offer. As far as a trade, I'm interested in keyers, kits or maybe even a Emtech tuner kit or a Norcal paddle kit.

73 Jeff

\*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----\*  
jeffj@scott.net w4jef@amsat.org	Reserve Patrol Captain
Satellite: Mir R0MIR-1, A0-27	Jefferson County Sheriff's Dept
200LX+BayPac+FT50=Portable Packet	QTH Birmingham, AL USA
\*-----\*

-----  
Date: Tue, 30 Mar 1999 20:56:37 -0800  
From: "Gary Evans" <gevans@lightspeed.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [36940] NC-20  
Message-ID: <00f701be7b32\$dc752ac0\$9346d8cc@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Can someone give me the Mouser number for the 10-turn pot for the NC-20?  
Thanks...Gary - AA6R

-----  
Date: Tue, 30 Mar 1999 23:00:43 -0600  
From: Jeff Johns <jeffj@scott.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [36941] Re: Wow...thanks!  
Message-ID: <199903310500.XAA19886x@scott.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

On Tue, 30 Mar 1999 22:43:21 -0600 (EST), Jim Glover <psykey@okcforum.org> wrote:

> (Now, if only I could have such good luck where my question about  
> getting a knob on that oddball variable capacitor shaft is concerned!)

To get a knob on the cap on my Rainbow tuner I used JB Weld to attach a  
standard size shaft to the end of it. Once that stuff cures it's hard as a  
rock and quite permanent. Good luck!

73 Jeff

\*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L# 1857 -----\*  
jeffj@scott.net w4jef@amsat.org	Reserve Patrol Captain
Satellite: Mir R0MIR-1, AO-27	Jefferson County Sheriff's Dept
200LX+BayPac+FT50=Portable Packet	QTH Birmingham, AL USA
\*-----\*

-----  
Date: Wed, 31 Mar 1999 00:24:59 -0500  
From: "Ed Tanton" <n4xy@mindspring.com>  
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>  
Subject: [36942] 8044 availability  
Message-ID: <001e01be7b36\$d1f4bbc0\$01010101@n4xy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

You can probably buy 8044s from: <http://www.mediagrif.com/sites/jade/> they  
list several in the online inventory at that URL.

72 / 73 Ed N4XY

-----  
Ed Tanton N4XY EMAIL: n4xy@mindspring.com  
189 Pioneer Trail  
Marietta, GA 30068-3466 TEL: (770)579-3933

-----  
INTERESTS: \*CW (99.5%) \*QRP (QRP-L# 758)  
\*BoatAnchors \*Test Equipment \*Photography

~~~~~  
A small bell on a Christmas tree tinkles:  
"Dear George, No man is a failure who has friends.  
Love, Clarence"  
~~~~~

-----  
Date: Tue, 30 Mar 1999 23:19:10 -0700 (MST)  
From: The Phreique <slombard@primenet.com>  
To: Chuckee <cdhamel@pdq.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [36943] Re: Curtis IC  
Message-ID: <Pine.BSI.4.02.9903302317520.29107-100000@usr07.primenet.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I remeber that Mouser Electronics used to sell that chip a couple of years back, but I heard that the chip was discontinued. Hope you find it!

On Mon, 29 Mar 1999, Chuckee wrote:

> Just recently found a Deluxe Mini-Keyer Kit from Tejas Kits, the only  
> problem is the Curtis Keyer IC does not come with the kit!! If anybody  
> knows where I can get this part please let me know!!  
>  
> This will be my first attempt at building a kit!!  
>  
> Thanks  
>  
> 72  
>  
> Charles (KC5DXQ)  
>  
>

-----  
Date: Tue, 30 Mar 1999 22:47:28 -0800  
From: "Bruce" <Bruce2@prodigy.net>  
To: <qrp-1@lehigh.edu>  
Subject: [36944] Does anyone remember this antenna?  
Message-ID: <002701be7b42\$59467400\$85809cd1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

In the late 50's and into the mid 60's Carl Mosley made an antenna for novices that was a kit and covered their 3 bands-80,40,15. There was nothing remarkable electrically about the antenna it was just fun, easy to install, easy to make and required only one tall tree. They sold it using the name as I recall of El Toro or maybe just Toro. It was just a 68 foot piece of open 450 ohm twin lead (they didn't make ladder line back then) with an insulator at the top and bottom. It was used as a vertical after being pulled up with a rope over a tall limb. As I recall there were aluminum sliding capacitors at the 1/4 wave point for the 15 mtr and 40 meter portion and as I recall they also used a shorting bar--just a piece of wire that you soldered across the twin lead at two different points. The lowest SWR was set by the position of the shorting bars and the adjustment of the capacitors. I kept one of these coiled up in a box till a few years ago when I moved and

then just threw it out.

As with verticals, it was fed with coax and used radials. If anyone has the instructions from that kit- they were only a page or two--I would really like to see them.

I am hoping L.B. W4RNL or someone has some of the original information on this antenna; if you do let me know. They are easy to build and I would like to add one-once again- to my wire antenna farm. (Yes, I know I can start from scratch and re-invent it, but it would be easier if someone has some of the information from Mosley) Thanks all.

Bruce WB4WZL

-----  
Date: Wed, 31 Mar 1999 02:11:22 EST  
From: DYARNES@aol.com  
To: tedbeach@yahoo.com, qrp-l@lehigh.edu  
Subject: [36945] Re: Soldering stations  
Message-ID: <d910477d.3701ca9a@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

In a message dated 3/31/99 3:29:31 AM !!!First Boot!!!, tedbeach@yahoo.com writes:

<< It was a Solomon SL10 and was  
\_VERY\_ inexpensive, around \$30.00 as I recall. >>

I also use this same item and am very pleased with it. I have had it for about 18 months, and it still looks perfect and works the same. I bought mine at Circuit Specialists in Phoenix. Unfortunately, I didn't get nearly that good a deal (mine cost about \$50---they have a digital model for 30-40 bucks more), but I still think it was a good price compared to most of the other units I had seen around, particularly the Weller units. How in the hell does Weller get those kinds of prices? Anyway, I certainly will vouch for the quality of the unit--If you find it for a better price all the better and I would jump on it if I were looking for one.

Dave W7AQK

-----  
Date: Wed, 31 Mar 1999 03:47:21 -0500  
From: Bill B Lazure <n2tpa@juno.com>  
To: QRP-L@Lehigh.EDU

Subject: [36946] 15M QRP on a 60" Antenna?  
Message-ID: <19990331.034728.7118.3.N2TPA@juno.com>

Had an interesting QSO yesterday with George KA3GAW. He was running a Scout from Naples, FL into a 60" Desktop Portable antenna. Never ceases to fascinate me how QRPers can do so much with so little!!

Bill  
W2EB  
Syracuse, NY

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Wed, 31 Mar 1999 01:14:56 -0800  
From: "Radman" <radman@best.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [36947] K2 & the solder station stampede... (long)  
Message-ID: <199903310912.BAA25367@proxy3.ba.best.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

Hi Gang,

Yes, there really *are* some low-cost solder stations out there :-) !! My original intent in posting info related to solder stations was to encourage folks who plan on building the more complex/expensive kits (such as K2) to upgrade their soldering equipment to insure success. There are sound reasons for doing this. As a K2 field tester I encountered:

1. Large mass-termination connectors ("headers") with unique positioning requirements
2. Double-sided PC boards -- relatively dense with small pads and traces
3. Unsocketed ICs and other components with lots of pins (eg... LCD - main display)
5. Components on *both* sides of the board -- component & solder side

None of the above should be of undue concern to the

intermediate kit builder. It's worth mentioning because some builders have not encountered this level of soldering challenge in the simpler monoband kits. To insure success -- you'll need you to control \*two\* soldering-related variables:

1. Tip temperature. My opinion - 700 deg F max. Some soldering irons without temp-control will exceed 1100 deg F (ouch!)
2. Tip-grounding -- remember that many of K2's ICs have no sockets -- got to get 'em right the first time -- no ESD damage!

With that in mind here are some low-cost "deals" on solder stations. Check 'em out, but make sure they meet the criteria for temp control and tip-grounding.

Circuit Specialists is featuring the following models:  
URL: <http://www.web-tronics.com/webtronics/solstat.html>

Model: SR-976 Soldering Station with Ceramic Heater  
Description: Temp Control Allows Setting from 250 C - 480 C (470 F-900 F)  
Quick Start Circuit Provides Fast Heat-Up to Desired Setting  
Cost: \$39.00

Model: SL10 Temperature Controlled Soldering Iron  
Description: Here's the ideal solution when Temperature Control is required. Easy to use slide control allows user to set system from 300 F to 840 F. Voltage to iron from control unit is 24V. Iron heating power is 48W.  
Replaceable 5.3mm tip is standard. Replacement irons and tips are available.  
Cost: \$56.00

Model: SL30 Deluxe Soldering System with LED Description:  
Deluxe temperature controlled system with LED display for maximum accuracy. Temperature is adjustable from 160 -480 C (320 -900 F). Iron heating power is 48 Watts.  
Runs on 24V from controller unit. Replacement irons and tips are available. Tip size is 5.3mm.  
Cost: \$86.00

Wassco has the Weller Controlled Output Soldering Station:  
"WTCPT"  
URL: <http://www.wassco.com/was/wtconoutstat1.html>



Model: BB-02-18798 "WTCPT" The soldering workhorse of the electronics industry! Select soldering tip temperature simply by changing the heat-sensing soldering tip. A magnetic contact switch and closed loop low voltage circuit control power output to the soldering iron and the tip temperature. Features include a blue static dissipative case and handle to provide ESD protection, a lightweight soldering pencil with built-in heat shield fitted with a PTA7 700 F screwdriver solder tip, a non-burnable silicone rubber cord, and a non-heatsinking iron holder with sponge. UL listed.  
Sale price: \$79.95

I've got to get some sleep ;) Let me know who the "winner" is !!

72 - Conrad Weiss - NN6CW  
Weller-Zombie # 001

-----  
Date: Wed, 31 Mar 1999 12:41:02 +0200  
From: "Peter Zenker" <Peter\_DL2FI@csi.com>  
To: <zlau@arrl.org>, "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>  
Subject: [36948] AW: Dirth of 6 meter kits  
Message-ID: <001401be7b63\$59a33700\$3e4ad3d4@zenkerpn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

This kit exists, an article will appear in QRPP soon  
It is the BODAN SIX 6m QRP txvr.CW only, VCXO abt 45 kHz around the international calling frequency. TX has 2 Watt out, spurious and harmonics are better then - 60dBc and RX is a very sensitive direct conversion type with a narrow AF filter.  
It is built on 1 double sided PC-board.  
The prototypes are running very well.

Most of the parts are in my shack now, I am only waiting for some minor parts. It is another DL-QRP-AG Kit.

One of it is spoken as a door price for DAYTON and another for NorCal activities :-))  
Some more Infos you find on the DL-QRP-AG homepage  
[http://ourworld.compuserve.com/homepages/Peter\\_DL2FI/](http://ourworld.compuserve.com/homepages/Peter_DL2FI/)  
Price will be 110USD + 10 USD shipment overseas for the complete kit incl.

Xtal, all parts and housing.

Kit will be available after my return from holidays at 19.th April  
( I am just writing the pidgin-english manual :-)

Peter, DL2FI  
DL-QRP-AG

-----Urspr ngliche Nachricht-----

Von: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] Im Auftrag  
von Zack Lau

Gesendet am: Dienstag, 30. M rz 1999 15:54

An: Low Power Amateur Radio Discussion

Betreff: Re: Dirth of 6 meter kits

It should be pretty easy to make a 6M CW rig that uses a single frequency  
crystal oscillator and a direct conversion receiver.--Zack W1VT

-----  
Date: Wed, 31 Mar 1999 11:23:46 -0500  
From: pmk@juno.com  
To: n4xy@mindspring.com, qrp-1@lehigh.edu  
Subject: [36949] Re: 8044 availability  
Message-ID: <19990331.112451.6814.0.pmk@juno.com>

Don't know if they still have them but I would  
call Mouser as they used to list them. I would  
give them a call as they might have some left  
over.

72 de Patrick KD4OBQ

AR  
<http://www.qsl.net/kd4obq/>  
pmk@juno.com for faster service.

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Wed, 31 Mar 1999 07:44:37 -0500  
From: Jim Lyons <lyons@canada.com>  
To: qrp-1@lehigh.edu  
Subject: [36950] WTB 453 Scope manual  
Message-ID: <3.0.5.32.19990331074437.007d4720@pop.hip.cam.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

My friend, who hasn't seen the light yet ... he's not a QRPer, is looking for a manual for his Tektronix 453 scope. Anyone have one for sale or know where he might get one? I boasted that this was the list where everything is possible :-)

Jim Lyons, VE2KN  
Montreal

-----  
Date: Wed, 31 Mar 1999 13:04:58 +0100  
From: "Steve Sorrell" <ap036@detroit.freenet.org>  
To: <bahr521@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [36951] Re: Solder Station  
Message-ID: <00ad01be7b6e\$b3a66c80\$c842b3c7@sorrells>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

There you go, problem solved!  
de Steve, W8SFF

-----  
Date: Wed, 31 Mar 1999 08:05:03 -0500  
From: "George Heron" <n2apb@erols.com>  
To: "NJ-QRP" <njqrp@njqrp.org>, "QRP-L" <qrp-1@Lehigh.EDU>  
Subject: [36952] Those yellow/orange Atlanticon T-shirts  
Message-ID: <006101be7b77\$19cc59e0\$2bcfacccf@herong>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The official Atlanticon T-shirts were \*everywhere\* you looked last weekend! A virtual sea of fluorescent orange shirts with the Atlanticon graphic on the front left breast pocket area, and a large schematic of the Fireball 40 on the backside ... what a cool looking shirt!

The graphic was the same as used on the Atlanticon Badges. Developed and created by the artistry of Paul Harden, NA5N, the graphic depicted a guy setting up a sloping dipole (a G5RV no less!) connected to the Washington Monument and breaking it off at the top .. you gotta see this to believe it! Very neat indeed.

Anyway, the NJ-QRP was selling the T-shirt there at Atlanticon for \$15 (included MD state tax) in sizes of medium through XXL. Well, all 100 shirts we sold except for 1 large and about 10 mediums. If interested in getting one of these remaining shirts at a reduced price of \$7 + \$3 shipping, just contact the NJ-QRP (n2apb@amsat.org) . Although perhaps only sized for the smaller individual (or your kids!!), these shirts are certainly collector's items, just like the badges. If there's enough interest in the larger sizes, we will consider ordering another batch. Let us know.

We had a wonderful time at the first-ever Atlanticon. Pure QRP heaven! Thanks to all who made it happen ... our honored speakers, the NJ-QRP staffers, the support of the local QRPers and amateur radio clubs, and of course all of you who attended. From what feedback we hear, you were not disappointed. Makes it all worthwhile. Thanks!

72/73, George N2APB  
n2apb@amsat.org in Baltimore, MD  
for the NJ-QRP Club at <http://www.njqrp.org>

PS: Be sure to check out the Atlanticon Photo Gallery at  
<http://www.njqrp.org/atlanticon/>

-----  
Date: Wed, 31 Mar 1999 06:06:45 -0700  
From: "Steve/n0tu" <n0tu@webaccess.net>  
To: "QRP-L" <QRP-L@lehigh.edu>  
Subject: [36953] K beacon  
Message-ID: <002b01be7b77\$af98bd60\$8ea8a3cc@S&P.www.webaccess.net>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

Anyone hear the K beacon lately on 7039.5? I heard it this morning @1300 utc sounded like a sick fog horn "daaaah dit daaaaaah" but like raw 50Hz AC! At first I thought it was some kind of digital mode. Wonder if those Russians except SWL reports?

TU & 72/73 ...Steve/n tu-Monument,CO

-----  
Date: Wed, 31 Mar 1999 08:41:17 -0500  
From: Bruce T Hopkins <KL7H\_C6A@compuserve.com>  
To: QRP-1 <qrp-1@lehigh.edu>  
Subject: [36954] Royal Mail to the Tropics...  
Message-ID: <199903310841\_MC2-701E-FFA@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Disposition: inline  
Content-Transfer-Encoding: quoted-printable

Hi Gang...

When you consider that the Mail Boat only runs to the Cay once a week,  
I was amazed to get a QSL yesterday from Peter - G3XJS... The QSO was on=

March 21, postmarked the 22nd, here on the 30th... That is amazing... I=

sent my XYL a postcard yesterday and will not be at all suprised if I bea=

t it back to Alaska in mid April... If you work me and need a C6A QSL card=

, it would be best to send your card to my Alaska address... Any cards tha=

t arrive here after 15 April will sit in the general store until the next

time one of the family makes it down to the Cay... All cards will be sen=

t when I reach back to the Arctic...

Fun day yesterday... I worked Cam - HP1AC on both 10 and 15M with good signals both ways... I am well on the way to DXCC after the weekend=contest... Don't think I will nail down WAS or DXCC on this trip but will=have a good start at it... I heard KH6AFS the other day on 15M but was unable to get him to hear me... I cheated and worked Tosh - KL7WW the other day on a schedule so I have Alaska in the bag...

In the afternoon I stripped my old vertical of all useable stainless=hardware... The traps were destroyed by the salt spray ( The Universal Solvent )... When I finished the project and looked at the remaining par=ts pieces, I was able to reassemble them and make a 20M vertical... I hope =to have it up by this weekend for my Sunday schedule... I will install it elevated about 10 feet off the ground with tuned radials, this will place=it about 1/4 wavelength above sea level...

You all take care and have fun... Hope to hear you on the bands...=

72 - Bruce - KL7H / C6A

<http://www.qsl.net/kl7h>

P.S.

The Alaska QRP Club 10 meter beacon is off the air... Tosh is unfamiliar with the system and is unable to troubleshoot it... It will return to the air when I return to the North...

-----

Date: Wed, 31 Mar 1999 07:53:57 -0600  
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>  
To: <Bruce2@prodigy.net>, <qrp-1@lehigh.edu>  
Subject: [36955] RE: Does anyone remember this antenna?  
Message-ID: <000601be7b7d\$ece03e40\$8dc9ce80@missouri.edu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Bruce,

I would check with Mosely. Those guys pride themselves on having parts, etc. for their old antennas so they'll probably be able to help you out. I was just in there the other day to see the new digs (about 8 miles from my girlfriend's house) and they're really great people. I bet they can help...

73,  
Nathan  
KBONNV

-----  
Date: Wed, 31 Mar 1999 08:06:01 -0700  
From: Brad Mugleston <bmug@gwl.com>  
To: "'qrp-1'" <qrp-1@lehigh.edu>  
Subject: [36956] CW Offset  
Message-ID: <01BE7B4D.52405A80.bmug@gwl.com>

OK, now I'm confused. I was reading the digests for the weekend last night and saw this question asked about 30M and it seems I'm confused (yes, for those who know me that is my normal state) or somewhere things got changed.

If I remember correctly AM (discovered by Arnold Merryweather) is composed of a carrier signal and sine shaped signal over laying the carrier (draw a horizontal line on your paper. Now draw a sine shaped line over the horizontal line with the lobes of the sine wave equally spaced above and below the horizontal line).

This provides a nice sounding but FAT signal. Soon after that, Seymour S. Butterworth was playing with his mechanical O'scope realized that half the AM signal was identical to the other half so he cut off one side and invented Half AM or Side Band (also called SSB after Seymour). I believe they also discovered that the carrier signal didn't do anything so they dropped that also. Actually the glues used in those days weren't much good and things were always falling apart. Now we can have upper and lower SSB depending on which half of the sine wave you drop.

Now CW, if I remember correctly it is just like AM but without the sine wave so all you have is the carrier. Now carriers are dull. They are either on or off and in them selves have no sound (if tuned in correctly). Using CW you tune in directly onto the carrier, often called Zero Beating named after a pacifist named Zero. Anyway when you Zero Beat something you line up directly with it - the problem is there is no sound (try it, some of the rigs out there allow you to turn off the artificially made side tone and to tune the rig you tune until the tone (or beat) disappears - my TS-830S does this).

This is great now you are tuned exactly on the other signal and when you transmit you are transmitting exactly where the other radio is listening -big deal, neither of you can hear anything. Then along came this other guy - I forgot his name and he suggested we modify the sound we are trying to hear and shift it slightly until we heard a nice tone. This is the side tone.

Does it matter if it is above or below the carrier wave - no. My DX-70 allows you to switch from one side to the other. If you are Zero Beat the tone is the same on either side. The only difference it makes is which way you turn the knob to tune in the signal.

OK, my facts might be a little off but is my concept completely wrong?

Thanks and 72's

de KI00T, Brad

-----  
Date: Wed, 31 Mar 1999 10:20:46 -0500 (EST)  
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>  
To: qrp-l@lehigh.edu  
Subject: [36957] RE: CW Offset  
Message-ID: <37249.owen@piper.eeel.nist.gov>

In message Wed, 31 Mar 1999 08:06:01 -0700,  
Brad Mugleston <bmug@gwl.com> writes:

> Does it matter if it is above or below the carrier wave - no. My DX-70  
> allows you to switch from one side to the other. If you are Zero Beat  
> the tone is the same on either side. The only difference it makes is  
> which way you turn the knob to tune in the signal.

>

> OK, my facts might be a little off but is my concept completely wrong?

>

> Thanks and 72's

>

> de KI00T, Brad

>

Nope, you pretty much have hit it on the ball. It doesn't matter which SB you listen to. If both have the same offset (750 Hz common) then when you tune so that you hear him at 750 Hz he will hear you at 750 Hz. The only difference that will occur if one use UBS and the other LSB is if both have a digital readout of the carrier frequency then the readings will differ by 1.5 Khz since most counters measure the received carrier frequency. Work the math and you'll see.



72 Jim K4CGY qrp-l #72

-----  
Date: Wed, 31 Mar 1999 06:23:46 -0900  
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [36958] Re: Royal Mail to the Tropics...  
Message-ID: <37023E02.1AEAEDB6@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Tropics!! We had 6 inches of snow last night! These fake Alaskans in the tropics make me sick!! Nah....not really....jealous....yep!! :-)

73, Jim, AL7FS  
<http://www.qsl.net/al7fs/>  
<mailto:al7fs@qsl.net>  
Anchorage, Alaska

Bruce T Hopkins wrote:

> When you consider that the Mail Boat only runs to the Cay once a week,  
> I was  
If you work me and need a C6A QSL card, it would be best to send your card to my Alaska address... Any cards that arrive here after 15 April will sit in the general store until the next time one of the family makes it down to the Cay...

-----  
Date: Wed, 31 Mar 1999 09:26:38 -0600  
From: Bcieslak@ra.rockwell.com  
To: qrp-l@lehigh.edu  
Subject: [36959] Storage for those resistors  
Message-ID: <86256745.0054821F.00@ramilwsmt01.ra.rockwell.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Just got a tech america flyer and it had an ad for storage cabinets for small components..something like \$3.95 and has 24 compartments. They also have resistor and capacitor kits in case you missed out on the Norcal kits.

Brian AE9K

-----  
Date: Wed, 31 Mar 1999 09:29:33 -0600  
From: Bcieslak@ra.rockwell.com  
To: qrp-1@lehigh.edu  
Subject: [36960] any blank 38s boards and where is the magnum  
Message-ID: <86256745.0054D72E.00@ramilwsmt01.ra.rockwell.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

Does any know if there are blank 38s boards available...want to build one up from my own kit of parts.

also what ever happened to the magnum. Haven't heard about it for a while.

Brian AE9K

-----  
Date: Wed, 31 Mar 1999 10:29:55 -0500  
From: "Richard Hensel" <rrhensel@sprintmail.com>  
To: <bmug@gwl.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [36961] RE: CW Offset  
Message-ID: <001401be7b8b\$540cd3f0\$0317e590@nos\_rrhensel>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Richard Hensel  
SPRINT  
rrhensel@sprintmail.com  
n8wlc@arrl.net

When you have a hammer in your hand ...  
The whole world looks like a nail.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of

Brad Mugleston  
Sent: Wednesday, March 31, 1999 10:06 AM  
To: Low Power Amateur Radio Discussion  
Subject: CW Offset

--- snip ---

>Does it matter if it is above or below the carrier wave - no. My DX-70 allows  
>you to switch from one side to the other. If you are Zero Beat the tone is the  
>same on either side. The only difference it makes is which way you turn the  
>knob to tune in the signal.

I think the problem arises if you tune to the upper side (+ aprox 700 Hz) and the  
person on the other side of the QSO tunes to the lower side (- aprox 700 Hz) you are now  
1.4Khz (give or take) apart from one another on the transmit side. While you may be able to hear one another (depending on the passband of your rig) you are now using twice the spectrum for your QSO.

This has always been my understanding, am I close?

>OK, my facts might be a little off but is my concept completely wrong?

Thanks and 72's

de KI00T, Brad

-----  
Date: Wed, 31 Mar 1999 09:35:18 -0600 (CST)  
From: PHILLIPS RICHARD <phillips@msoe.edu>  
To: Lee Bahr <bahr521@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [36962] Re: Solder Station  
Message-ID: <Pine.OSF.3.96.990331093342.31902B-1000000@torres.msoe.edu>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 30 Mar 1999, Lee Bahr wrote:

> Who needs a soldering station when you own a 250 watt Black Beauty!  
> These babies get with the program. I can solder a double sided board on  
> both sides at the same time with this puppy! To control temperature,  
> secure a 10 gallon bucket of water next to your right leg. A three  
> second dip knocks the temperature down 300 degrees F for 3 seconds,  
> giving you enough time to handle delicate work. (Maybe I should have  
> sent this message Thursday). :- ) Lee Bahr w0vt

\*\*\*\*\* Now your talking \*\*\*\*\*

Richard Phillips  
Lab Technician  
Milwaukee School of Engineering  
414-277-7388, phillips@msoe.edu

-----  
Date: Wed, 31 Mar 1999 10:51:12 +0000  
From: Michael Neverdosky <MichaelN@cycat.com>  
To: qrp-l mailing list <qrp-l@Lehigh.edu>  
Subject: [36963] Re: Solder Station  
Message-ID: <3701FE20.66781ECB@cycat.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Heck, I can just grab my Lincoln SP-125+ and MIG weld it!  
Handy for making 'bullet proof' cases though. :-))

michael N6CHV

phillips@msoe.edu wrote:

>  
> On Tue, 30 Mar 1999, Lee Bahr wrote:  
>  
> > Who needs a soldering station when you own a 250 watt Black Beauty!

> \*\*\*\*\* Now your talking \*\*\*\*\*

-----  
Date: Wed, 31 Mar 1999 09:01:40 -0700  
From: Larry East <wlhue@amsat.org>  
To: qrp-l@lehigh.edu  
Cc: Chuck Adams <adams@ticnet.com>  
Subject: [36964] NC20 Power Connector

Message-ID: <3.0.3.32.19990331090140.00978e80@axp1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

If anyone is interested in replacing the NorCal 20 power connector with one having a 2.5 mm rather than a 2.1 mm center pin, you can get the exact replacement from Mouser Electronics. The part number is 16PJ030 and the price is \$0.64 each (1-10 pieces).

No, I'm not interested in sponsoring a "group purchase" ... :-)

72, Larry W1HUE/7

-----  
Date: Wed, 31 Mar 1999 09:05:45 -0700  
From: Larry East <w1hue@amsat.org>  
To: qrp-l@lehigh.edu  
Cc: Chuck Adams <adams@ticnet.com>  
Subject: [36965] NC20 Power Connector - CORRECTION!!  
Message-ID: <3.0.3.32.19990331090545.009701a0@axp1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

THE CORRECT PART NUMBER IS 16PJ032 -- THE MESSAGE SHOULD HAVE READ:

If anyone is interested in replacing the NorCal 20 power connector with one having a 2.5 mm rather than a 2.1 mm center pin, you can get the exact replacement from Mouser Electronics. The part number is 16PJ032 and the price is \$0.64 each (1-10 pieces).

I saw the mistake just as I hit the "send" key! Sorry... :-(

72, Larry W1HUE/7

-----  
Date: Wed, 31 Mar 1999 09:13:58 -0700  
From: Brad Mugleston <bmug@gwl.com>  
To: "'qrp-l'" <qrp-l@lehigh.edu>  
Subject: [36966] CW Offset  
Message-ID: <01BE7B56.D2883BA0.bmug@gwl.com>

Someone asked me this question and I thought I'd send my response - Please tell me how far off I am.

--- snip ---

>Does it matter if it is above or below the carrier wave - no. My DX-70 allows  
>you to switch from one side to the other. If you are Zero Beat the tone is the  
>same on either side. The only difference it makes is which way you turn the  
>knob to tune in the signal.

I think the problem arises if you tune to the upper side (+ aprox 700 Hz) and the  
person on the other side of the QSO tunes to the lower side (- aprox 700 Hz) you are now  
1.4Khz (give or take) apart from one another on the transmit side. While you may be able to hear one another (depending on the passband of your rig) you are now using twice the spectrum for your QSO.

This has always been my understanding, am I close?

[Brad Mugleston] I don't think so. The way it was explained to me you have a signal - just 1 signal that goes between the radios. To hear this signal your radio give you an offset (inside the radio) it can be above or below the signal (your RIT does this) it doesn't change where your signal is.

Example. Your transmitting on 7.100 and you like a 700 Hz tone. That means you can hear it at 7.800 or 6.400 either way you hear a 700Hz tone. (the difference between the signal and your received frequency). the only difference is which way you tune to zero beat (your tone is low do you turn up or down to adjust?).

So the spectrum for your QSO is the same all the offset is done in the radios.

Brad

-----  
Date: Wed, 31 Mar 1999 11:25:13 EST  
From: W2IV@aol.com  
To: qrp-1@lehigh.edu  
Subject: [36967] FS: TT1320 - 20 meter QRP rig  
Message-ID: <fc255422.37024c69@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

For Sale:

I have a Ten Tec 1320 -- 20 meter Qrp Rig for sale. It is in excess to my needs right

now.

I'm asking \$90 for the rig. Please e-mail or leave a fone # if interested.

TNX es 73 John W2IV Hamburg, NY

-----  
Date: Wed, 31 Mar 1999 11:28:13 EST  
From: W2IV@aol.com  
To: qrp-l@lehigh.edu  
Subject: [36968] FS: 40 meter qrp rig (repost)  
Message-ID: <421806a2.37024d1d@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Due to other rigs (too many) I am selling my Tejas 40m Backpacker II QRP Rig. It's in good condition covers 7.0-7.2Mhz. \$110 OBO. Leave e-mail or phone no. please.

TNX es 72/73 John W2IV

-----  
Date: Wed, 31 Mar 1999 10:29:07 -0600  
From: "William H. Launer" <launerb@crl.com>  
To: bmug@gwl.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [36969] Re: CW Offset  
Message-ID: <103130300b327fa306d12@[192.0.2.1]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>Does it matter if it is above or below the carrier wave - no. My DX-70  
>allows

>you to switch from one side to the other. If you are Zero Beat the tone  
>is the  
>same on either side. The only difference it makes is which way you turn the  
>knob to tune in the signal.

Brad is right. If you're using a superhet receiver with a separate BFO, the term "receiver offset" is a misnomer. The incoming carrier is centered in the receiver pass-band, and the BFO (not the receiver) is offset from the intermediate frequency (500 - 1000 Hertz; whatever you (or the designer) like to hear) to provide an audio frequency output to the speaker. If you "zero beat" the incoming cw signal for maximum S-meter indication, it doesn't matter if the BFO is "offset" above or below the IF. The spectrum bandwidth used is the same.

72/73, Bill

Bill Launer  
St. Charles, MO  
launerb@crl.com  
wb0cld@wb0cld.ampr.org [44.46.66.25]  
qrp-l #279 qrp arco #3551  
Grid Square EM48RT

-----  
Date: Wed, 31 Mar 1999 08:26:17 -0800 (PST)  
From: Theodore Wong <wong\_th@eng.printronic.com>  
To: qrp-l@lehigh.edu  
Subject: [36970] NC-20 Labeling Artwork  
Message-ID: <199903311626.IAA05540@taz.printronic.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-MD5: wu7fuRlpxZMVn5AYJJfCJw==  
Content-Transfer-Encoding: 7bit

Hello All,

I recall seeing someone post some artwork for the front panel of the NC-20 but have since lost the message. Can someone please enlighten me on where this could be found?

Thanks and Regards,



Tedd AB6C0

-----  
Date: Wed, 31 Mar 1999 09:31:07 -0700  
From: Brad Mugleston <bmug@gw1.com>  
To: "'qrp-1'" <qrp-1@lehigh.edu>  
Subject: [36971] CW Offset  
Message-ID: <01BE7B59.369B3640.bmug@gw1.com>

I'm getting lots of great responses, but not to the list so I am repeating the response (no credit given to protect the innocent).  
-----

Brad,

Concepts right. Receiving on either side is kosher.  
The difficulty is in knowing at what frequency your TX signal is, relative to your RX signal....if your RX is side-tuned, is your TX signal side-tuned as well?

If you've got a separate TX, you just turn on the "spot" and tune it to give the same audio pitch as the other op (in your side-tuned RX). But you have TWO possible TX frequencies that'll give you the same pitch...you gotta pick the right one.  
-----

OK, lets look at this one. You have TWO rigs a transmitter and a receiver. You tune in a signal - get a nice 700 Hz tone. Where is the transmitted signal - above you or below you? It could be either. In order for you to contact the person you need to ZERO BEAT your transmitter - this means you need to transmit exactly on his frequency. All you know is the nice tone you hear is 700 Hz away from the transmitted frequency.

I've never worked two radios like this but I would guess you get to your favorite side tone and find out which way you need to go to lower the tone - remember to zero beat you drop your tone to zero and that is your frequency. So zero beat your receiver and that is your transmit frequency.

de KI00T, Brad

-----  
Date: Wed, 31 Mar 1999 09:36:10 -0700  
From: Dave Ek <ekdave@earthlink.net>  
To: qrp-1@lehigh.edu  
Subject: [36972] NiCd packs & solder station on sale at Tech America  
Message-ID: <3.0.6.32.19990331093610.0079b210@mail.earthlink.net>

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

Tech America has 4.8V rechargeable NiCd battery packs (4 AA cells with connector) for 99 cents each in their latest sale flyer in the overstocks and closeouts pages. Seems like these would be great for portable.

They also have their digital soldering station on sale for \$99.95 (reg \$149.95).

Usual disclaimers.

72 de Dave AB0GO

-----  
Date: Wed, 31 Mar 1999 08:34:24 -0800  
From: "Mont Pierce, KM6WT" <montp@synacom.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Cc: jokortge@cwix.com  
Subject: [36973] Re: 2N2/40 parts  
Message-ID: <37024E90.91372AF9@synacom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Your probably anxious to see your article get published. Me too, looks like a really nice rig. :)

I think I've got a really bad case of the kit builder bug. Sure having fun. :)

> I guess I could answer these questions better than anybody!  
>  
> The (a tad late) Winter Issue of QRPP features the 2N2222 based rig  
> that I designed and built for the NorCal building contest at Dayton  
> last year. A second article featured in that issue is by my friend,  
> Preston Douglas, WJ2V. His 2N2/40 just won a first prize at Atlanticon.  
>  
> Both articles are about building the 2N2/40, using Mahattan Style  
> construction, or "paddy board", as the Brits call it.

Has anyone by chance compiled a mouser parts number list for all these parts?

What do you think the likelihood would be to get mouser or some other parts firm to put together a parts package for something like this?

Do you think they would give us some kind of special discount if they got a few hundred orders all at the same time?

73,  
Mont

-----  
Date: Wed, 31 Mar 1999 09:52:57 -0700  
From: Brad Mugleston <bmug@gwl.com>  
To: "'William H. Launer'" <launerb@crl.com>  
Cc: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>  
Subject: [36974] RE: CW Offset  
Message-ID: <01BE7B5C.42655F20.bmug@gwl.com>

Does this mean I'm not nuts? Can I get off the medicine? I'd like to get off the sulfur.

de KI00T, Brad

-----Original Message-----  
From: William H. Launer [SMTP:launerb@crl.com]  
Sent: Wednesday, March 31, 1999 9:29 AM  
To: bmug@gwl.com  
Cc: qrp-1@lehigh.edu  
Subject: Re: CW Offset

>Does it matter if it is above or below the carrier wave - no. My DX-70  
>allows  
>you to switch from one side to the other. If you are Zero Beat the tone  
>is the  
>same on either side. The only difference it makes is which way you turn the  
>knob to tune in the signal.

Brad is right. If you're using a superhet receiver with a separate BFO, the term "receiver offset" is a misnomer. The incoming carrier is centered in the receiver pass-band, and the BFO (not the receiver) is offset from the intermediate frequency (500 - 1000 Hertz; whatever you (or the designer) like to hear) to provide an audio frequency output to the speaker. If you "zero beat" the incoming cw signal for maximum S-meter indication, it doesn't matter if the BFO is "offset" above or below the IF. The spectrum bandwidth used is the same.

72/73, Bill

Bill Launer  
St. Charles, MO  
launerb@crl.com  
wb0cld@wb0cld.ampr.org [44.46.66.25]  
qrp-l #279          qrp arco #3551  
Grid Square EM48RT

-----  
Date: Wed, 31 Mar 1999 10:32:31 -0600  
From: Jeff Logullo <jeff.logullo@Central.Sun.COM>  
To: qrp-l@lehigh.edu  
Subject: [36975] Re: CW Offset  
Message-ID: <37024E11.898816E4@central.sun.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

> Does it matter if it is above or below the carrier wave - no. My DX-70 allows  
> you to switch from one side to the other. If you are Zero Beat the tone is the  
> same on either side. The only difference it makes is which way you turn the  
> knob to tune in the signal.

If you use a direct-conversion receiver (like in my much-loved  
Backpacker II), you use the above to your advantage all the time. Tuning  
goes like this:

- o Tune a signal to zero-beat (it "disappears" as the pitch goes  
lower and lower, and rocking the  
tuning knob in either direction makes it )
- o Turn the RIT knob, either way, to make the signal "emerge"
- o If a nearby transmission interferes with the desired signal,  
turn the RIT knob the other way, i.e. tune to the opposite  
sideband, avoiding the interfering signal

The above is, of course, just as valid for a superhet that allows  
switching the offset from one side to the other. It's just that with a  
DC receiver, you're doing it all the time.

-----

Date: Wed, 31 Mar 1999 12:09:07 -0500  
From: "Harry T. Hurst" <hhurst@delaware.infi.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [36976] RE: Homebrew Paddles  
Message-ID: <003901be7b99\$310d4ac0\$950d010a@wil-support1.WILMINGTON.GCI>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

While at Atlanticon, I spent some time looking at various kinds of paddles. Some of these works of art sell for 4 figures. Amazing. At the other end of the scale, I noticed some miniature commercial paddles selling for under \$100. A reasonable price for QRP, but they're so small!

Some of these mini paddles are built with hardware store parts. hmmm...

And homebrew -- for me anyway -- is most of the reason to be active in radio

Today I retired my Flintstones paddle, made of double-sided pc board, built using only a pair of pliers and a soldering gun. It looked like it too! I've used it for about 20 hours and other than needing to be secured to the operating table, it works just fine. The new paddle is made from a piece of pine I picked up along the Delaware river in New Castle -- call it the driftwood paddle. This time I have adjustable brass contacts, thanks to True-Value, and like the Flintstones paddle, it works fine, but looks like, well, uh, hell.

Now I'm ready to build a "nice" paddle. Homebrew, but not totally ugly. The idea is to build it mostly from wood, because I have only hand tools, and only limited access to a drill press. Some of the issues I'm looking into are what type of wood would be acceptable -- pine is definitely out! -- how to keep the key from slipping on the tabletop, basic dimensions, etc.

Anybody else out there be here and done this?? TIA

-----  
Date: Wed, 31 Mar 99 11:09:27 -0500  
From: Chuck Adams <adams@ticnet.com>  
To: qrp <qrp-1@lehigh.edu>  
Subject: [36977] Elmer200 and Elmer205 Update  
Message-ID: <E10SngL-000503-00@smtp.ticnet.com>

Gang,

Sorry for the delay in getting back but Atlanticon and other stuff took a lot of resources, so we'll try to get back to regular postings.

I got to the point where more graphics was going to be needed and a single web page to put all the past postings for easy access.

Well 10 days ago I got a [www.qsl.net](http://www.qsl.net) account.

<http://www.qsl.net/k5fo> will be the central holding place for all the Elmer2XX stuff.

Good news is that there is enough room. Bad news that [qsl.net](http://www.qsl.net) put a place holder there and I haven't gotten a response to email to remove it so that the stuff that I moved over can come up for access. As soon as they do that I can update the pointers and links and we'll be off and running. So standby while technicians work on the problem.... Do not touch the vertical and do not touch the horizontal controls. We can adjust to a sharp picture or we can make it fuzzy..... I loved that intro to that TV series.....

By this time you should have an RF probe built and running and you have some idea how well it works.

You should have one crystal tester built and one crystal that oscillates.

Study how a Colpitts Oscillator oscillates and we'll simulate it on SPICE and play with some feedback values. The guys and girls with a scope and/or spectrum analyzer will be able to give us some feed back that you won't be able to do without them.

So maybe by first of next week I'm hoping. Keep pinging the web page to see if it has been fixed.....

dit dit

--

Chuck Adams K5FO adams@ticnet.com CP-60  
<http://www.ticnet.com/k5fo>

-----  
Date: Wed, 31 Mar 1999 10:01:56 -0700  
From: Brad Mugleston <bmug@gw1.com>  
To: "'qrp-l'" <qrp-l@lehigh.edu>  
Subject: [36978] CW offset  
Message-ID: <01BE7B5D.83C12200.bmug@gw1.com>

OK, when I said 7.100 I meant 7.100 kHz not MHz so my math was correct 8^).  
Haven't any of you worked the LOW bands?

de KI00T, Brad

-----  
Date: Wed, 31 Mar 1999 11:04:39 -0600 (CST)  
From: PHILLIPS RICHARD <phillips@msoe.edu>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [36979] coax  
Message-ID: <Pine.0SF.3.96.990331110050.8761A-1000000@torres.msoe.edu>  
Mime-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Knowledgable Gang,  
I have about 500 feet of Belden 9880 Ethernet coax. It is yellow in color and has black bands at regular intervals. I wonder if this could be used as antenna feed line? I think it is 50 ohm impedance but do not know how it would take weather. Anyone familiar with this stuff?  
Thanks in advance, Rich, AA9L

Richard Phillips  
Lab Technician  
Milwaukee School of Engineering  
414-277-7388, phillips@msoe.edu

-----  
Date: Wed, 31 Mar 1999 12:02:41 -0500  
From: Don Lefrancois <wb1cdh@cwix.com>  
To: bmug@gw1.com

Cc: QRP-L <QRP-L@Lehigh.edu>  
Subject: [36980] Re: CW Offset  
Message-ID: <002401be7b98\$5cb0f920\$8c4d3ea6@0302316260447626>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Real great Discussion Brad,

I experienced the problem with my Radio Shack 10 meter rig. Works great for SSB but I hear the CW signals in two places, one on the upper side of the zero beat and the other on the lower side. Before I realized this problem I was making contacts about 25% of the time not knowing that the other guy was listening on the other side of the zero beat freq. Since I discovered this I have "readjusted " the RIT to about 7 o'clock and it works fine.

Thanks for all the info and the stimulating discussion. In the "Ole Days" most of us would have to wait about a couple months to even bump into a ham to exchange ideas on this.

Don  
K1NNP  
Jewett City, Ct.

-----Original Message-----

From: Brad Mugleston <bmug@gw1.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Wednesday, March 31, 1999 11:40 AM  
Subject: CW Offset

>I'm getting lots of great responses, but not to the list so I am repeating the

>response (no credit given to protect the innocent).

>-----

>

>Brad,

> Concepts right. Receiving on either side is kosher.

>The difficulty is in knowing at what frequency your TX signal is,

>relative to your RX signal....if your RX is side-tuned, is your

>TX signal side-tuned as well?

> If you've got a separate TX, you just turn on the "spot"

>and tune it to give the same audio pitch as the other op (in

>your side-tuned RX). But you have TWO possible TX frequencies

>that'll give you the same pitch...you gotta pick the right one.

>



>-----  
>  
>OK, lets look at this one. You have TWO rigs a transmitter and a receiver.  
> You tune in a signal - get a nice 700 Hz tone. Where is the transmitted  
>signal - above you or below you? It could be either. In order for you to  
>contact the person you need to ZERO BEAT your transmitter - this means you  
need  
>to transmit exactly on his frequency. All you know is the nice tone you  
hear  
>is 700 Hz away from the transmitted frequency.  
>  
>I've never worked two radios like this but I would guess you get to your  
>favorite side tone and find out which way you need to go to lower the  
tone -  
>remember to zero beat you drop your tone to zero and that is your  
frequency.  
> So zero beat your receiver and that is your transmit frequency.  
>  
>de KI00T, Brad  
>

-----  
Date: Wed, 31 Mar 1999 12:04:09 -0500  
From: "David Maliniak" <dmaliniak@penton.com>  
To: qrp-l@lehigh.edu, njqrp@njqrp.org  
Subject: [36981] For sale: power supply  
Message-ID: <85256745.005F1F5D.00@mail.penton.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

For sale:

One Pyramid regulated power supply (model PS-7G). 13.8V output; rated for 5A continuous and 7A peak. Has illuminated on/off switch and output binding posts on front panel; fuseholder is on rear panel. In nice clean condition (one or two light scratches); works perfectly. Includes original documentation with schematic and parts list. I bought this supply new and have used it relatively little. It has been in a non-smoking environment.

Asking \$20 plus shipping from northern NJ. Weighs about 5 lbs, I think.

72, David N2SMH

-----  
Date: Wed, 31 Mar 1999 13:37:41 +0000  
From: "Walter D. Amos" <waltk8cv@surf-free.com>  
To: DENNISMO@aol.com  
Cc: Qrp-1 Reflector <qrp-1@lehigh.edu>  
Subject: [36982] Re: Help with SWL QSL Cards  
Message-ID: <37021715.72ED04B9@surf-free.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

No SASE? NO REPLY! Simple as that!! Put them in the trash ! Hard cruel  
"facts of life" of qsling.

Now if you want to be a "nice guy" you can dig into your pocket and put  
postage on your card with your envelope and send it to them  
..... not me!

If you are only " half a nice guy" you can include them with the next  
batch of cards to the ARRL , just write the funny SWL call on the card  
..... what, you are not a member of ARRL, and you don't know  
about there qsl service. TOO BAD! Back to step one ..... throw  
the card in the trash!

--  
Walt K8CV Royal Oak, Michigan, qrp-1 # 935, Zombie # 188 !  
"We're just a small sub-group of an eclectic corner of a dying hobby!"

-----  
Date: Wed, 31 Mar 1999 10:07:55 -0700  
From: Brad Mugleston <bmug@gwl.com>  
To: "'qrp-1'" <qrp-1@lehigh.edu>  
Subject: [36983] NOT CW OFFSET but better  
Message-ID: <01BE7B5E.5A2885E0.bmug@gwl.com>

I was reading the Mouser catalog over the weekend (I know I need a life) and  
they have the NTE quick cross reference disk available for \$7.99 or \$9.99 for  
DOS or Windows.

this disk will cross reference over 250,000 device numbers in under a second.

In the last sentence they gave NTE's web address - you can download the software there for free.

<http://www.nteinc.com>

de KI00T, Brad

-----  
Date: Wed, 31 Mar 1999 10:09:51 -0700  
From: Brad Mugleston <bmug@gwl.com>  
To: "'Don Lefrancois'" <wb1cdh@cwix.com>, "bmug@gwl.com" <bmug@gwl.com>  
Cc: QRP-L <QRP-L@lehigh.edu>  
Subject: [36984] RE: CW Offset  
Message-ID: <01BE7B5E.9EAE06E0.bmug@gwl.com>

I'm going to have to think about this one. Update later.

Old Timer, KI00T, Brad

-----Original Message-----  
From: Don Lefrancois [SMTP:wb1cdh@cwix.com]  
Sent: Wednesday, March 31, 1999 10:03 AM  
To: bmug@gwl.com  
Cc: QRP-L  
Subject: Re: CW Offset

Real great Discussion Brad,

I experienced the problem with my Radio Shack 10 meter rig. Works great for SSB but I hear the CW signals in two places, one on the upper side of the zero beat and the other on the lower side. Before I realized this problem I was making contacts about 25% of the time not knowing that the other guy was listening on the other side of the zero beat freq. Since I discovered this I have "readjusted " the RIT to about 7 o'clock and it works fine.

Thanks for all the info and the stimulating discussion. In the "Ole Days" most of us would have to wait about a couple months to even bump into a ham to exchange ideas on this.

Don  
K1NNP  
Jewett City, Ct.

-----Original Message-----  
From: Brad Mugleston <bmug@gwl.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Wednesday, March 31, 1999 11:40 AM  
Subject: CW Offset

>I'm getting lots of great responses, but not to the list so I am repeating  
the

>response (no credit given to protect the innocent).

>-----

>

>Brad,

> Concepts right. Receiving on either side is kosher.

>The difficulty is in knowing at what frequency your TX signal is,

>relative to your RX signal....if your RX is side-tuned, is your

>TX signal side-tuned as well?

> If you've got a separate TX, you just turn on the "spot"

>and tune it to give the same audio pitch as the other op (in

>your side-tuned RX). But you have TWO possible TX frequencies

>that'll give you the same pitch...you gotta pick the right one.

>

>-----

>

>OK, lets look at this one. You have TWO rigs a transmitter and a receiver.

> You tune in a signal - get a nice 700 Hz tone. Where is the transmitted

>signal - above you or below you? It could be either. In order for you to

>contact the person you need to ZERO BEAT your transmitter - this means you  
need

>to transmit exactly on his frequency. All you know is the nice tone you  
hear

>is 700 Hz away from the transmitted frequency.

>

>I've never worked two radios like this but I would guess you get to your

>favorite side tone and find out which way you need to go to lower the  
tone -

>remember to zero beat you drop your tone to zero and that is your  
frequency.

> So zero beat your receiver and that is your transmit frequency.

>

>de KI00T, Brad

>

-----

Date: Wed, 31 Mar 1999 10:16:06 -0700 (MST)  
From: Paul Harden <pharden@aoc.nrao.edu>  
To: qrp-1@lehigh.edu  
Cc: Paul Harden <pharden@zia.aoc.NRAO.EDU>

Subject: [36985] Atlanticon Kudo's to all  
Message-ID: <Pine.SOL.3.91.990331095456.22020C-100000@zia>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

The last week of my life was a blurr with getting sent out of town for the observatory tuesday, barely making my flight to Baltimore thursday, then of course Atlanticon itself (which also went by in a blurr) and the flight back. A fair haul from Albuquerque.

Flights to the MAJOR QRP EVENTS look like this from Albuquerque:

To HamComm in Dallas ... 2 bags of peanuts  
To PacifiCon ..... 4 bags of peanuts  
To Atlanticon ..... 8 bags of peanuts

Don't think I could stand anything much further -hi

This was my first trip out to the right coast in years, and so close to Washington DC too. Didn't know what to expect ... I mean what if these guys have two heads? Or maybe one big eyeball smack in the middle of their foreheads? Or worse, maybe they just all look like Sylvester Stallone! Or maybe have names like Bubba, Killer, Scarface or Gambino? Nope ... they are all great guys with the same warm handshakes you get from QRPers everywhere. I doubt more than 2-3 of them have EVER been featured on "America's Most Wanted." Well, maybe 4.

ATLANTICON WAS GREAT ... somewhere between really cool and fantastic. Really keen. Yeah, that's it ... Keen Con.

The NJQRP club did an excellent job organizing it. For a first time event, I thought the attendance was great (>125 gungho QRPers) and it seemed to me to go without a hitch. Even had hot running water and towels! In fact, the Holiday Inn was a nice place. I had lost my camera and the staff was great trying to find it (it was found). But more important was the bubbling enthusiasm for QRP by everyone in attendance. I really felt at home.

The FREE Compendium was a great effort too. Finally got a chance to read through it on the plane trip home. Excellent book.

FOR ME ... I truly enjoyed Atlanticon. The talks were great, all the speakers were well prepared, good information ... but mostly, 90% of the QRPers were those I had never met before, just names and calls from QRP-L or working on the air. What a pleasure to finally meet such a huge assembly of QRPers for the first time. I felt I made lots of a new friends. I don't recall having a free moment the entire weekend, and as a result,

you never get the time to sit down and chat with everyone. In fact, I hardly got a chance to talk much to my old buddies that were there, like Dave Benson, Chuck Adams, L.B. Cebik, etc. It was that busy and fun the entire time. Thankfully, Jan N0QT took over the data & Elmer 101 books and Zombie badges, giving me more time to visit and be one of the building contest judges. I think she got everyone "Zombie-ized."

Great job and the highest of kudo's to the NJQRP club for a fantastic event, and to the Pennsylvania and Long Island QRP clubs, the Maryland Milliwatters, and the others who all worked together and helped make it a great two days. Thanks much for the invitation -- I truly enjoyed it, and consider it an honor to help launch the first Atlanticon. Several of the NJQRP guys have the energy and drive that reminds me of Doug Hendricks. In short ... watch out! There are going to be some other great things happening from this bunch soon. You've got my support.

72 to all,  
Paul NA5N

PS - Don't miss their webpage with all the neat photos.  
[www.njqrp.org](http://www.njqrp.org) (homepage) and click on Atlanticon 99

-----  
Date: Wed, 31 Mar 1999 12:35:42 -0500  
From: "Harry T. Hurst" <hhurst@delaware.infi.net>  
To: <qrp-1@lehigh.edu>  
Subject: [36986] Paddles  
Message-ID: <007701be7b9c\$e80eef00\$950d010a@wil-support1.WILMINGTON.GCI>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

While at Atlanticon, I spent some time looking at various kinds of paddles. Some of these works of art sell for 4 figures. Amazing. At the other end of the scale, I noticed some miniature commercial paddles selling for under \$100. A reasonable price for QRP, but they're so small!

Some of these mini paddles are built with hardware store parts. hmmm...

And homebrew -- for me anyway -- is most of the reason to be active in radio

Today I retired my Flintstones paddle, made of double-sided pc board, built

using only a pair of pliers and a soldering gun. It looked like it too! I've used it for about 20 hours and other than needing to be secured to the operating table, it works just fine. The new paddle is made from a piece of pine I picked up along the Delaware river in New Castle -- call it the driftwood paddle. This time I have adjustable brass contacts, thanks to True-Value, and like the Flintstones paddle, it works fine, but looks like, well, uh, hell.

Now I'm ready to build a "nice" paddle. Homebrew, but not totally ugly. Large enough to be comfortable. The idea is to build it mostly from wood, because I have only hand tools, and only limited access to a drill press. Some of the issues I'm looking into are what type of wood would be acceptable -- pine is definitely out! -- how to keep the key from slipping on the tabletop, basic dimensions, etc. I'm using a single-lever paddle right now, but these issues apply to about any type of key.

Anybody else out there be here and done this?? TIA

-----  
Date: Wed, 31 Mar 1999 09:41:12 -0800 (PST)  
From: Theodore Wong <wong\_th@eng.printronix.com>  
To: qrp-l@lehigh.edu  
Subject: [36987] Re: NC-20 Labeling Artwork  
Message-ID: <199903311741.JAA05588@taz.printronix.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-MD5: 9fNbggSHoJ3m/6wWDNXbnA==  
Content-Transfer-Encoding: 7bit

Got the artwork. Thanks Mark for the link and AB0G0 for producing it.

Regards,

Tedd

-----  
Date: Wed, 31 Mar 1999 12:35:13 -0500  
From: "David Maliniak" <dmaliniak@penton.com>  
To: qrp-l@lehigh.edu, njqrp@njqrp.org  
Subject: [36988] Power supply sold  
Message-ID: <85256745.0061F6FD.00@mail.penton.com>

Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

The Pyramid 5A supply I posted for sale earlier has been spoken for.

72, David N2SMH  
Glen Rock, NJ

-----  
Date: Wed, 31 Mar 1999 08:09:37 +0100  
From: "Tony Fishpool" <g4wif@btinternet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [36989] Re: Curtis IC  
Message-ID: <000201be7ba4\$a5d05720\$2b3cac3e@p75>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Just in case Chris misses this, I'll jump in here. I think you will find his address is now g3tux@aol.com

72  
Tony - G4WIF

-----Original Message-----  
From: Hanns W. Merz <hw.merz@t-online.de>

Charles,

If there is no other way to get the chip here is an European address:  
Chris G3TUX of the British "QRP Components Company" has the Curtis IC  
usually in  
stock. He is a member of the list and his e-mail address is  
g3tux@compuserve.com

Hope you will be successful!  
72 de  
Hanns DK9NL



-----  
Date: Wed, 31 Mar 1999 11:11:02 -0700  
From: Gary L Surrency <gsurrency@juno.com>  
To: bmug@gwl.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [36990] Re: CW Offset  
Message-ID: <19990331.111102.-4141989.1.gsurrency@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Woaa!

>>>

Example. Your transmitting on 7.100 and you like a 700 Hz tone. That means you can hear it at 7.800 or 6.400 either way you hear a 700Hz tone. (the <<<

Actually, that would be 7.099300 MHz or 7.100700 MHz. But you get the idea. You just missed some decimal places. ;-)

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

-----  
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or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Wed, 31 Mar 1999 11:15:37 -0700  
From: Dave Ek <ekdave@earthlink.net>  
To: wong\_th@eng.printronix.com  
Cc: qrp-1@lehigh.edu  
Subject: [36991] Re: NC-20 Labeling Artwork  
Message-ID: <3.0.6.32.19990331111537.0079b900@mail.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

That was me. Go to <http://home.earthlink.net/~ekdave> and follow the NC20 Panel artwork link.

72 de Dave AB0G0

>I recall seeing someone post some artwork for the front panel of the NC-20  
but  
>have since lost the message. Can someone please enlighten me on where this  
>could be found?

>Thanks and Regards,

>Tedd AB6C0

-----  
Date: Wed, 31 Mar 1999 13:31:23 -0500  
From: "John J. McDonough" <jjmcd@tm.net>  
To: <DENNISMO@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [36992] Re: Help with SWL QSL Cards  
Message-ID: <004101be7ba4\$ad35f4c0\$010044c0@mdp23b>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

-----Original Message-----  
From: DENNISMO@aol.com <DENNISMO@aol.com>

>their "callsigns" are are bit of a mystery to me. One is KMA1JL  
> and the other is W0-20276.

Once upon a time, a very, very long time ago, I had an SWL callsign like  
that W0 number. But I don't remember what it meant, and I know there was no  
server at that time - it was pre-Internet, pre-Al Gore, even pre-ARPAnet!  
(I wasn't a ham at the time, so I don't remember whether we had these funny  
W and K letters in front of our calls!)

72/73 de WB8RCR <http://users.tm.net/jjmcd/>  
didileydadidah QRP-L #1446 Code Warriors #35

-----  
Date: Wed, 31 Mar 1999 10:32:21 -0800  
From: Bill Jones <kd7s@psnw.com>  
To: qrp-l@lehigh.edu

Subject: [36993] Atlanticon Photo Gallery  
Message-ID: <37026A35.8C4D1F63@psnw.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

My sincere thanks for the photographs of Atlanticon. The  
"virtual tour" reminded me of Pacificon except in California  
we all wear shorts instead of heavy overcoats.

--

=====  
Bill Jones - KD7S <><  
Sanger, California  
<http://www.psnw.com/~kd7s>  
=====

-----  
Date: Wed, 31 Mar 1999 10:37:55 -0800  
From: Jerry Parker <jparker@fix.net>  
To: qrp-1@LeHigh.edu  
Subject: [36994] NorCal's April Meeting  
Message-ID: <3.0.6.32.19990331103755.007d6600@fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRPers, the April meeting of the NorCal QRP Club  
will be held as usual Sunday April 4th at the  
California Burger Restaurant, located off the  
Santa Rita Exit of I580 West of Livermore and East  
of Pleasanton. The California Burger is located in  
the small shopping center behind the Shell Station  
across the street from McDonald's Restaurant. If  
you are coming from Livermore, take the Santa Rita  
exit, and you will come to a stop light. Turn left  
and go over the freeway. You will come to a traffic  
signal. Turn left, and you will notice a McDonald's  
on your left, and a Shell station on your right.  
Take the first right turn, (about 107 yards, 2 feet  
and 7 1/4 inches from the intersection) and you  
will be in a small shopping center. The California  
Burger is in the SouthWest corner of the shopping  
center. Look for all of the cars, you can't miss it.

If you are coming from Pleasanton, take the Santa Rita  
exit to your right. You will come to a traffic light.  
Go straight across the street, and you will see the

McDonald's and Shell Station. Same directions as above.

Remember, if you have never been to a QRP meeting, this is not like all of the other meetings you go to. It starts about 10:30 and ends about 1:30 or so. No rules, no minutes, no new business, no old business, just a get together of QRPers who want to meet and share QRP information with others of like interests. Our meeting is entirely social, and those who attend always seem to enjoy themselves. If you come, bring along your latest project to share with the rest of us, we want to see and admire it, probably steal a couple of your ideas in our next project, but we will have fun!

72,  
Doug, KI6DS

-----  
Date: Wed, 31 Mar 1999 12:52:30 -0600  
From: Guy Dragoo <GDRAG@proedge.com>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [36995] Wilderness Sierra Front Panel w/kc-2 cutouts  
Message-ID: <117783A3E0F4D1119BCD006008AC9E5D071916@mail.proedge.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

I have a Sierra front panel cut for the digital display KC-2 (By me...not a factory unit :-). It also has a hole for an additional pot. It is free to whomever needs it.

73  
Guy

-----  
Date: Wed, 31 Mar 1999 12:52:31 -0600  
From: Brad Bradfield <b\_bradfield@yahoo.com>  
To: phillips@msoe.edu, qrp-l@lehigh.edu  
Subject: [36996] Re: coax  
Message-ID: <37026EEE.8E8829F3@yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello Richard - -

Ethernet cable will most certainly work for your use. Coax is coax. Two things to remember: 1) It's power handling capability probably isn't the greatest, but hey, you're QRP, right? and 2) signal taps on many systems using Ethernet coax cable are often made by actually punching a hole in the outer jacket (the shield), and attaching a fitting that makes a connection to the inner conductor. If you have none of these holes, you're ok. If you do have holes, you MIGHT still be able to seal them with a drop of epoxy and still use the coax. As for how the stuff weathers, you gotta remember that most coax (unless you buy the expensive "non-contaminating" stuff, deteriorates over a period of time anyway. But hey, you got 500 feet of the stuff. If it goes bad in a few years, just replace it. In short (why didn't I just say this to begin with?), use the stuff and don't worry about it.

Now back to your regularly scheduled CW offset program - - - - -

72's es 73's,

Brad, W5CGH

-----  
Date: Wed, 31 Mar 1999 12:52:04 -0600  
From: Karl.Kanalz@optelinc.com  
To: psykey@okcforum.org  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [36997] Re: Knob for odd fitting  
Message-ID: <86256745.0067F7C4.00@hdsqsmtp01.optelinc.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

>From your description, Jim, you must have one of the surplus E. F. Johnson "APC-series" of trimmer capacitors. The particular one you have (usually) has two small, tapped "studs" on each side of the center shaft adjustment to mount the capacitor.

The nut WILL come off, but it's meant as an adjustment LOCK to the shaft of the trimmer cap, NOT as a mounting nut! If you \*do\* remove the locking nut, you'll still be stuck with a verrrrry short shaft for a knob! I'm afraid you're stuck with a trimmer!

Karl K - W8TIF  
McKinney, Texas

Jim Glover <psykey@okcforum.org> on 03/30/99 02:57:26 PM

Please respond to psykey@okcforum.org

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Knob for odd fitting

In my Pixie2, I'm planning the RIT/XIT mod. I found a 60pf  
air variable at DW Electronics here in Oklahoma City

It seems to be made for  
set-once-and-forget-it use, using either a screwdriver, or  
a nutdriver/socket or something. It appears to consist of an  
inner round shaft with a screwdriver slot in it, surrounded  
by a hex nut.

-----  
Date: Wed, 31 Mar 1999 12:59:17 -0600  
From: "Kelly Ellison" <kelman@dialnet.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [36998] WTB: Bare Bones Sierra  
Message-ID: <199903311858.MAA02607@dialnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi all,

I would like to find an bare bones Wilderness Sierra. An analog (less KC2) with minimum Band modules.

In other words... an economy model. It you want to free up that Sierra for K2 funds - please Email me direct at kelman@dialnet.net Thank you very much.

Kelly Ellison - WB0WQS - Aurora, Mo QRP-L#702 QRPARCI #9854.

-----  
Date: Wed, 31 Mar 1999 11:05:15 -0800  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-l@lehigh.edu>  
Subject: [36999] NorCal Resistor Kits, Second Run??  
Message-ID: <01be7ba9\$699ae180\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Guys, we are very close to deciding to do a second run of resistor kits. We need to have 20 more commitments, and we will do a second run. It will take about 30 days to get the resistors, cut them in strips, and sort them by kits. If you are interested in a NorCal resistor kit of 2000 resistors, 80 different values, 25 of each of the following values, 1/4 W, 5%, NEW resistors:

1, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2,  
10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82,  
100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820,  
1K, 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K,  
10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K,  
100K, 120K, 150K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K,  
1M, 1.2M, 1.5M, 1.8M, 2.2M, 2.7M, 3.3M, 3.9M, 4.7M

Send me an email to get on the list. Please put NorCal Resistor Kit in the subject line. The price is \$25 + \$4 S&H for US & Canada, \$8 S&H DX. I will let you know when to send the checks.

72, Doug, KI6DS

-----  
Date: Wed, 31 Mar 1999 12:58:43 -0600

From: Brad Bradfield <b\_bradfield@yahoo.com>  
To: bmug@gwl.com, qrp-1@lehigh.edu  
Subject: [37000] Re: NOT CW OFFSET but better  
Message-ID: <37027063.91A641F3@yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

What! You mean your mom never had to chase you out of the bathroom after sitting in there reading the Allied Radio catalog for an hour? Actually, Olson Electronics was my favorite. You got to search and search for your name hidden amongst the ads to see if you were the monthly winner. To this day, my wife knows not to plan anything for at least the next hour when she sees me heading for the john with the latest Newark catalog - - - - but it just ain't the same as Olson.

72's es 73's,

Brad, W5CGH

-----  
Date: Wed, 31 Mar 1999 12:17:10 -0500  
From: Donald E Sanders <w4bws@juno.com>  
To: n2tpa@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [37001] Re: 15M QRP on a 60" Antenna?  
Message-ID: <19990331.140005.3574.0.w4bws@juno.com>

Yes that MFJ antenna works well on the 20th floor.  
Donald Sanders W4BWS  
694 E. Eau Gallie Blvd. Satellite Beach, FL 32937  
407-779-0222 Fax 407-779-0830  
W4BWS@juno.com  
My favorite QRP rig glows in the dark

On Wed, 31 Mar 1999 03:47:21 -0500 Bill B Lazure <n2tpa@Juno.Com> writes:  
>Had an interesting QSO yesterday with George KA3GAW. He was running a  
>Scout from Naples, FL into a 60" Desktop Portable antenna. Never  
>ceases to fascinate me how QRPers can do so much with so little!!

>  
>Bill  
>W2EB  
>Syracuse, NY

>-----



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>or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Wed, 31 Mar 1999 11:11:24 -0800  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [37002] Storing those NorCal Resistor Kits  
Message-ID: <01be7baa\$4591ea80\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Guys, I stopped by Office Max yesterday, and bought a 4" x 6" card file holder for \$1.60. It is plastic, and it holds a normal sized envelope perfectly. You, know, the size of box your wife uses to save all of those mushy love letters you sent her. I digress. Trust, me the box is perfect. Then I took 80 envelopes, labeled them in the upper right hand corner with the value, and put the resistor strips in the envelopes, one value per envelope. I then made dividers by turning over a set of index dividers, and have markers for 1, 10, 100, 1K, 10K, 100K and 1M. Voila as they say. Neat storage, takes about 2 seconds to find the resistor, and the best part is that they don't take a lot of space on the bench. Any other ideas out there???? 72, Doug, KI6DS

-----  
Date: Wed, 31 Mar 1999 12:05:27 -0700  
From: Brad Mugleston <bmug@gw1.com>  
To: "'Gary L Surrency'" <gsurrency@juno.com>  
Cc: "'qrp-1'" <qrp-1@lehigh.edu>  
Subject: [37003] RE: CW Offset  
Message-ID: <01BE7B6E.C6962420.bmug@gw1.com>

NO, I did it correct, you see I've got this virus on my computer that does this type of thing.

Brad

-----Original Message-----  
From: Gary L Surrency [SMTP:gsurrency@juno.com]  
Sent: Wednesday, March 31, 1999 11:11 AM  
To: bmug@gw1.com

Cc: qrp-1@lehigh.edu  
Subject: Re: CW Offset

Woaa!

>>>

Example. Your transmitting on 7.100 and you like a 700 Hz tone. That means you can hear it at 7.800 or 6.400 either way you hear a 700Hz tone. (the <<<

Actually, that would be 7.099300 MHz or 7.100700 MHz. But you get the idea. You just missed some decimal places. ;-)

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Wed, 31 Mar 1999 12:04:54 -0700  
From: "JOHN & NANCY MERRILL" <APPLESTORAGE@email.msn.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [37004] Re: 12 VOLT FLOURESCENT LIGHTS  
Message-ID: <001801be7ba9\$76656ac0\$ead0ffd0@q0o6h0>

Hi all-

I need info. about 12 volt flourescent lights and RFI. I am building a camper trailer which will also be my ham shack. I'm trying to decide whether to install 12 volt flourescent lights which consume less power, or 12 volt incandescent lights. I've heard the flourescents may cause RFI. Does anyone know of a particular RFI clean flourescent light brand and where to obtain them? You can E-mail direct to me.

Thanks in advance.

John KC7EGT

-----

Date: Wed, 31 Mar 1999 12:09:56 -0700  
From: Brad Mugleston <bmug@gwl.com>  
To: "'Brad Bradfield'" <b\_bradfield@yahoo.com>, "bmug@gwl.com" <bmug@gwl.com>, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>  
Subject: [37005] RE: NOT CW OFFSET but better  
Message-ID: <01BE7B6F.64DF61A0.bmug@gwl.com>

Honest, I was reading the articles!!!

-----Original Message-----

From: Brad Bradfield [SMTP:b\_bradfield@yahoo.com]  
Sent: Wednesday, March 31, 1999 11:59 AM  
To: bmug@gwl.com; qrp-l@lehigh.edu  
Subject: Re: NOT CW OFFSET but better

What! You mean your mom never had to chase you out of the bathroom after sitting in there reading the Allied Radio catalog for an hour? Actually, Olson Electronics was my favorite. You got to search and search for your name hidden amongst the ads to see if you were the monthly winner. To this day, my wife knows not to plan anything for at least the next hour when she sees me heading for the john with the latest Newark catalog - - - but it just ain't the same as Olson.

72's es 73's,

Brad, W5CGH

-----  
Date: Wed, 31 Mar 1999 12:32:16 -0700  
From: Brad Mugleston <bmug@gwl.com>  
To: "'Don Lefrancois'" <wb1cdh@cwix.com>, "bmug@gwl.com" <bmug@gwl.com>  
Cc: QRP-L <QRP-L@lehigh.edu>  
Subject: [37006] RE: CW Offset  
Message-ID: <01BE7B72.83F1C260.bmug@gwl.com>

OK, I'm having problems with this. I'm going to discuss it below. See you there:

-----Original Message-----

From: Don Lefrancois [SMTP:wb1cdh@cwix.com]  
Sent: Wednesday, March 31, 1999 10:03 AM  
To: bmug@gwl.com  
Cc: QRP-L  
Subject: Re: CW Offset

Real great Discussion Brad,

I experienced the problem with my Radio Shack 10 meter rig. Works great for SSB but I hear the CW signals in two places, one on the upper side of the zero beat and the other on the lower side.

[Brad Mugleston] OK this is expected - based on something else I was told is your rig set up for CW? Does it have a side tone? You may need to look at the manual for this. If you don't have a side tone you are artificially creating it by tuning just above or below the carrier.

Before I realized this problem I was making contacts about 25% of the time not knowing that the other guy was listening on the other side of the zero beat freq.

[Brad Mugleston] Could be if you don't have a side tone. If you are off say 700 Hz and he has a narrow filter you may be missing each other. Let's say he is on 7.100.0 and you are on 7.100.7 (see I fixed it) to get your side tone (his side tone could be +700 so you are both hearing a +700 tone, doesn't matter). Maybe his filters are tight and shifted away down he may not hear you. Remember in CW you transmit and receive one frequency your rig generates the side tone (and it doesn't matter if it is up or down).

Since I discovered this I have "readjusted" the RIT to about 7 o'clock and it works fine.

[Brad Mugleston] This tells me you probably don't have a side tone. Your 7 o'clock position now just adjusted you (listen to tone) up to where you like it and leaves your transmit frequency where it should be.

Thanks for all the info and the stimulating discussion. In the "Old Days" most of us would have to wait about a couple months to even bump into a ham to exchange ideas on this.

[Brad Mugleston] Your welcome, hope this helps.

Remember for CW you transmit and receive on the same frequency BUT there is no sound there so you need to either have your machine generate a side tone or you need to listen off beat to hear something. If your rig is an all in one as you adjust your listen frequency to sound good (without using RIT) your transmit frequency changes also.

Don

K1NNP

Jewett City, Ct.

-----Original Message-----

From: Brad Mugleston <bmug@gwl.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Wednesday, March 31, 1999 11:40 AM

Subject: CW Offset

>I'm getting lots of great responses, but not to the list so I am repeating  
the  
>response (no credit given to protect the innocent).  
>-----  
>  
>Brad,  
> Concepts right. Receiving on either side is kosher.  
>The difficulty is in knowing at what frequency your TX signal is,  
>relative to your RX signal....if your RX is side-tuned, is your  
>TX signal side-tuned as well?  
> If you've got a separate TX, you just turn on the "spot"  
>and tune it to give the same audio pitch as the other op (in  
>your side-tuned RX). But you have TWO possible TX frequencies  
>that'll give you the same pitch...you gotta pick the right one.  
>  
>-----  
>  
>OK, lets look at this one. You have TWO rigs a transmitter and a receiver.  
> You tune in a signal - get a nice 700 Hz tone. Where is the transmitted  
>signal - above you or below you? It could be either. In order for you to  
>contact the person you need to ZERO BEAT your transmitter - this means you  
need  
>to transmit exactly on his frequency. All you know is the nice tone you  
hear  
>is 700 Hz away from the transmitted frequency.  
>  
>I've never worked two radios like this but I would guess you get to your  
>favorite side tone and find out which way you need to go to lower the  
tone -  
>remember to zero beat you drop your tone to zero and that is your  
frequency.  
> So zero beat your receiver and that is your transmit frequency.  
>  
>de KI00T, Brad  
>

-----  
  
Date: Wed, 31 Mar 1999 14:33:00 EST  
From: RobCap@aol.com  
To: qrp-1@lehigh.edu, HEATH@listserv.tempe.gov  
Subject: [37007] FS: Unbuilt Ten Tec 6 Meter Transverter Kit. Never opened.  
Message-ID: <6b17a2c5.3702786c@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

For Sale: Unbuilt Ten Tec 6 Meter Transverter Kit. This is the No. 1208 Ten Tec transverter from 20 meters to 6 meters which puts out 8 watts. The kit is still unbuilt in the original shrink-wrapped package. I found another solution for 6 meters, and decided not to build the transverter. It was never even opened.

This is a very inexpensive way to experiment with 6 meters because you can use your 20 meter QRP rig to work on 6. Ten Tec sells the kit for \$95 plus shipping. I'll let this gem go for \$75, postpaid priority mail within the United States. I will ship upon receipt of a personal check or money order.

Please write to "robcap@aol.com", or feel free to call me at (804) 971-6812.

73 & DX,

Rob, W3DX

-----  
Date: Wed, 31 Mar 1999 14:55:28 -0500  
From: "Harry T. Hurst" <hhurst@delaware.infi.net>  
To: <b\_bradfield@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [37008] Re: coax  
Message-ID: <004701be7bb0\$80a17cc0\$950d010a@wil-support1.WILMINGTON.GCI>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I missed the original post, but it sounds like someone got a bunch of surplus thinnet cable.

I also received some thinnet, and it's plain old RG-58U. Not the best coax, but certainly useable!

-----  
Date: Wed, 31 Mar 1999 14:59:31 -0500  
From: "Harry T. Hurst" <hhurst@delaware.infi.net>  
To: <phillips@msoe.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [37009] Re: coax  
Message-ID: <006601be7bb0\$ff068330\$950d010a@wil-support1.WILMINGTON.GCI>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Now I've read the original post.

You already have it, so why not try it?

-----  
Date: Wed, 31 Mar 1999 14:26:22 -0600  
From: "George T. Baker" <w5yr@swbell.net>  
To: APPLESTORAGE@email.msn.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [37010] Re: 12 VOLT FLOURESCENT LIGHTS  
Message-ID: <370284EE.860213E9@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

John, I have both 12-volt incandescent and fluorescent lights throughout my motorhome. I have never noticed any RFI from either type on HF.

72/73, George  
Amateur Radio W5YR, in the 53rd year and it just keeps getting better!  
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County  
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

> Hi all-  
> I need info. about 12 volt flourescent lights and RFI.  
> John KC7EGT

--

-----  
Date: Wed, 31 Mar 1999 15:36:54 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [37011] Re: coax  
Message-ID: <00e401be7bb6\$37377c00\$9001a8c0@mikey>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>I missed the original post, but it sounds like someone got a bunch of  
>surplus thinnet cable.

>

>I also received some thinnet, and it's plain old RG-58U. Not the best  
coax,  
>but certainly useable!

He probably means the old thicknet stuff. Looks about the size of RG-8,  
but has a solid copper center conductor that appears to be about 14 ga,  
then a double foil and braid wrap outer. It was designed to be attached  
to  
with a 'viper tap', where you cut a hole in the side of the cable and  
then  
tap into the center piece.

I've used this for stuff around the house. PITA!! Don't make ANY small  
radius bends with it. I wouldn't go less than 12 in radius.

And putting on PL-259s is really going to fun.

But I did it. I ran a piece to an old Radio Shack VHF High Band only  
5/8  
ground plane scanner antenna that I cut till it tuned to 146. Was OK,  
but  
great. Still, it was free. I did NOT make any quantitative  
measurements.

Remember, thicknet ethernet was 10mbit. Now, that's a 10Mhz bit rate,  
but it does pass a pretty good square wave. So I don't know how good  
the  
stuff is. But regardless of loss, it appears REALLY good for shielding!

Mike Yetsko  
N1DVJ

-----  
Date: Wed, 31 Mar 1999 15:44:49 -0500  
From: Scott Howell <whowell@hq.nasa.gov>



To: qrp-1@lehigh.edu  
Subject: [37012] surplus stuff  
Message-ID: <3.0.5.32.19990331154449.00810100@mail.hq.nasa.gov>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

folks, if you haven't checked this site out, you really aut too.  
Man, the stuff is endless and I mean endless. I asked him if he had any  
tanks or satellites stashed away for safe keeping. Haven't heard back yet.  
He must be checking his inventory.

<http://www.surplustuff.com>

neat!

72 de Scott/n3byy  
Fists #5030  
Laurel MD

-----  
Date: Wed, 31 Mar 1999 12:48:05 -0800  
From: "Mont Pierce, KM6WT" <montp@synacom.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [37013] ethernet terminator question  
Message-ID: <37028A05.106E1AB7@synacom.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

How would an ethernet network coax terminator work  
as a dummy load for qrp rigs?

73,  
km6wt

-----  
Date: Wed, 31 Mar 1999 12:57:50 -0800 (PST)  
From: Ted Beach <tedbeach@yahoo.com>  
To: qrp1 <qrp-1@lehigh.edu>  
Subject: [37014] cw offset[?]  
Message-ID: <19990331205750.10436.rocketmail@web607.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

With a decent superhet, you will hear only one cw signal as you tune

across a station. Its apparent pitch change depends on the bfo placement [above or below the i-f]. DX70 and IC706 let you choose which to use to reduce/eliminate interference.

With my NE4040 I added a tx spotting switch [described in QRP Quarterly]. This turns on the tx mixer alone so you can hear the pitch of your own signal. You should adjust vfo tuning so your own sidetone pitch is EXACTLY THE SAME AS THE RECEIVED SIGNAL's PITCH. You are then tuned to exactly the same frequency as the station you're listening to. In the NE4040 [and the SW40+ I believe] the bfo is HIGHER in frequency than the i-f, but it really does not matter.

K4MKX

==

Ted Beach

-----  
DO YOU YAHOO!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Wed, 31 Mar 1999 16:00:33 -0500 (EST)  
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>  
To: qrp-l@lehigh.edu  
Subject: [37015] RE: ethernet terminator question  
Message-ID: <57634.owen@piper.eeel.nist.gov>

In message Wed, 31 Mar 1999 12:48:05 -0800,  
"Mont Pierce, KM6WT" <montp@synacom.com> writes:

> How would an ethernet network coax terminator work  
> as a dummy load for qrp rigs?  
>

It works just fine. Just don't exceed the power rating. I use one all the time.

72 Jim K4CGY qrp-l #72

-----  
Date: Wed, 31 Mar 1999 13:10:14 -0800 (PST)  
From: Ted Beach <tedbeach@yahoo.com>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [37016] HB Paddles  
Message-ID: <19990331211014.15299.rocketmail@web612.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I had my micro-miniature [totally impractical!] hb paddle on display at Atlanticon. There's a picture of it on the NJQRP web page. Its made into a 1/4" stereo plug and uses three screws and nuts, a ball-point pen spring, 2 small brass strips and a couple of small pieces of pc board!! I also had my 2 oz microswitch/skinny fiberglass keyer displayed at Atlanticon.

I have made [and use daily] a larger version of the 3-screw paddle which is fastened to a small piece of vectorboard. The vectorboard, in turn, is fastened to a small plywood panel on which my huge fist rests to hold same in place. A small straight key is also mounted on the plywood panel. I have NEVER understood why one would want a massive paddle [ala NorCal, Bencher, Vibroplex, etc.], especially for portable or backpack operation. Let your hand hold it in place!

K4MKX

===

Ted Beach

-----  
Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

-----  
Date: Wed, 31 Mar 1999 16:17:56 -0500  
From: sergio <sruiz@bright.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [37017] straight key..  
Message-ID: <37029104.EB3BBA59@bright.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

anyone know where to get a decent straight key for relatively cheap?

i have found a few around here and there, but they are crazy expensive....

--

---  
peace,  
sergio  
<http://www.bright.net/~sruiz>  
"the village buzz"

-----  
Date: Wed, 31 Mar 1999 13:23:57 -0800  
From: "Bruce" <Bruce2@prodigy.net>  
To: "Edward A Kwik jr" <eakwikjr@hti.com>  
Cc: <qrp-1@lehigh.edu>  
Subject: [37018] Re: Does anyone remember this antenna?  
Message-ID: <003301be7bbc\$ca8c1a00\$78809cd1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Yes I sure will Ed.  
I have emailed Mosley to see if they have any information to offer.  
The EL Toro antenna is still around and I have seen a few articles on it in recent years, but it is only written about as a one band antenna.  
The idea is that it is a quarter wave antenna made out of 450 ohm open feed line with the top end having the line twisted together; however, at the feed point at the bottom the center conductor of the coax is connected to one leg of the 450 ohm line and the braid (ground) is connected to the other leg of the 450 ohm line.  
The braid is also grounded.  
The real advantage to this antenna as I recall was that it was highly efficient with a good earth ground and 4 radials--- verses the regular 1/4 wave vertical which requires a very large number of radials to become highly efficient.  
Mosely of course made it into a multiband vertical which was an added benefit.  
Hope someone else can add more infomation.  
Bruce WB4WZL

-----Original Message-----  
From: Edward A Kwik jr <eakwikjr@hti.com>  
To: Bruce2@prodigy.net <Bruce2@prodigy.net>  
Date: Wednesday, March 31, 1999 10:00 AM  
Subject: Re: Does anyone remember this antenna?

>Bruce,

>This sounds interesting. Can you please forward anything you find.  
>TIA  
>Ed Kwik AB8DF  
>  
>Bruce wrote:  
>>  
>> In the late 50's and into the mid 60's Carl Mosley made an antenna for  
>> novices that was a kit and covered their 3 bands-80,40,15.  
>> There was nothing remarkable electrically about the antenna it was just  
fun,  
>> easy to install, easy to make and required only one tall tree.  
>> They sold it using the name as I recall of El Toro or maybe just Toro. It  
>> was just a 68 foot piece of open 450 ohm twin lead (they didn't make  
ladder  
>> line back then) with an insulator at the top and bottom. It was used as a  
>> vertical after being pulled up with a rope over a tall limb.  
>> As I recall there were aluminum sliding capacitors at the 1/4 wave point  
for  
>> the 15 mtr and 40 meter portion and as I recall they also used a  
shorting  
>> bar--just a piece of wire that you soldered across the twin lead at two  
>> different points. The lowest SWR was set by the position of the shorting  
>> bars and the adjustment of the capacitors.  
>> I kept one of these coiled up in a box till a few years ago when I moved  
and  
>> then just threw it out.  
>> As with verticals, it was fed with coax and used radials. If anyone has  
the  
>> instructions from that kit- they were only a page or two--I would really  
>> like to see them.  
>> I am hoping L.B. W4RNL or someone has some of the original information on  
>> this antenna; if you do let me know. They are easy to build and I would  
like  
>> to add one-once again- to my wire antenna farm. (Yes, I know I can start  
>> from scratch and re-invent it, but it would be easier if someone has some  
of  
>> the information from Mosley) Thanks all.  
>>  
>> Bruce WB4WZL  
>  
>

-----  
Date: Wed, 31 Mar 1999 13:25:47 -0800  
From: "Radman" <radman@best.com>  
To: <phillips@msoe.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [37019] Re: coax  
Message-ID: <199903312123.NAA03410@proxy4.ba.best.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Richard,

Working from memory (and short on sleep)... I believe 9880 is "thick" Ethernet coax -- about 0.4" to 0.5" in diameter and nominal 50 ohms. If your spool is "yellow" in color it's probably PVC outer plastic -- it's OK for weather exposure. If it were orange/brown in color -- then it would most likely be Teflon (TM) coated -- probably 89880(?) which would be fire-rated for plenum/heat-related installations.

In terms of usability for amateur feed line -- sure, the price is right. BUT... I recall the stuff being a real bear to bend -- stiff with a solid center conductor -- probably not your first choice for feedline ;) Hey, maybe you could trade it to some network guys for a roll of RG-8 or 58 ? :-) Just a thought :-) !

72 - Conrad -- NN6CW

\*\*\*\*\*

Knowledgable Gang,  
I have about 500 feet of Belden 9880 Ethernet coax. It is yellow in color and has black bands at regular intervals.

///snip///

-----

Date: Wed, 31 Mar 1999 16:29:12 -0600  
From: "Allen Jones" <jonall@pinnaclebank.com>  
To: qrp-1@Lehigh.edu  
Subject: [37020] Inexpensive aluminum panels  
Message-ID: <s7023f7d.061@pinnaclebank.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable  
Content-Disposition: inline  
Content-Transfer-Encoding: quoted-printable

Please excuse if this info has been posted previously. I just resubscribed= to the list today.

Tech America is closing out Reynolds aluminum project panels at very = attractive prices in sizes from 4x4" up to 24x48" either .04 or .06 = thickness. I ordered 3 of the 24x48x.06" for \$11.99 each. That is just a = bit over a penny per square inch.

72, Allen=20  
W9DZ

-----  
Date: Wed, 31 Mar 1999 14:17:10 -0500  
From: Nils R Young <nilsbull@juno.com>  
To: QRP-L@lehigh.edu  
Subject: [37021] A little travelling music, maestro! & road cases in general  
Message-ID: <19990331.141715.6718.0.nilsbull@juno.com>

Gang,

Well, it weren't appendicitis. But in addition to having joined the Dunlap Detail and the Bifocal Brigade and the Suspender Squad, I now am being admitted to the Hernia Horde. Later this summer, just before vacation I'll try some new drugs and enjoy being under while the sturgeons have at me. Ah, bliss. Yeah, right.

But what was really cool was the arrival just today of a box that I'm wishing I'd bought two of. An all-aluminum briefcase size road case that will probably take the K2 & ancillaries with room to spare. Which is another story.... What I got is from Damark International, something out of a special catalog they had. It's an aluminum briefcase (like I already said . . . ) that cost me \$41.99 total. It looks pretty sturdy right now. We'll see how it holds up with actual use. Meanwhile, I began to see the need for another one, this time just as a kick-butt briefcase for things like lap top computators &c.

Maybe I can figure a way to fix up inserts to hold the K2 &c for quick removal & use, and another insert for the Sierra &c the same way. Put it in the base, close the lid & go off to some clandestin rendezvous with Gloria Trevi or Yolandita Monge. (Yolandita's the better singer . . . by exponential factors, but that's another story . . . )

Now if I could just find a water-proof, weather-proof box or such for the next step in the shootin-and-cussin-and-burnin-and-choppin remote antenna tuner project . . . Two motors, two caps & one coil otter do the trick. After all, I got the same thing hosed up to the Sierra and it works great

. . . which is another story.

73

Nils

. . . and a special cow hood that I can wear when I'm out in the countryside tryin' to look furtive . . .

-----  
Nils R. Bull Young :: La Estancia de los Guajolotes Sonrientes  
WB8IJN &c :: The Tagalong Press :: email to nilsbull@juno.com  
"In my day we had to FIGHT to have email! Every day was a struggle!"  
-- Comrade Sergei Nikolaievich

McTovarishov

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>  
or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Wed, 31 Mar 1999 16:42:37 -0500  
From: Randy Randall <RANDALLR@Healthall.com>  
To: radman@best.com, qrp-1@Lehigh.EDU  
Subject: [37022] Re: coax  
Message-ID: <s70250bd.006@Healthall.com>  
Mime-Version: 1.0  
Content-Type: text/plain  
Content-Disposition: inline

Network guy's do not want it either. No one is installing thick net any more if they are smart. Yuck! I remember installing taps and coring tools! Better check the specs for the band you are using. HF will be ok, but above 30 MHZ it may be very lossy.

Randy KB8AS0

Randy E. Randall  
Network Engineer  
The Health Alliance of Greater Cincinnati  
3200 Burnet Ave. Room 4618  
Cincinnati, Ohio 45229  
Ph. 513-585-7146  
E-mail randallr@healthall.com

>>> "Radman" <radman@best.com> 03/31 4:25 PM >>>  
Hi Richard,

Working from memory (and short on sleep)... I believe 9880



is "thick" Ethernet coax -- about 0.4" to 0.5" in diameter and nominal 50 ohms. If your spool is "yellow" in color it's probably PVC outer plastic -- it's OK for weather exposure. If it were orange/brown in color -- then it would most likely be Teflon (TM) coated -- probably 89880(?) which would be fire-rated for plenum/heat-related installations.

In terms of usability for amateur feed line -- sure, the price is right. BUT... I recall the stuff being a real \_bear\_ to bend -- stiff with a solid center conductor -- probably not your first choice for feedline ;) Hey, maybe you could trade it to some network guys for a roll of RG-8 or 58 ? :-) Just a thought :-) !

72 - Conrad -- NN6CW

\*\*\*\*\*

Knowledgable Gang,  
I have about 500 feet of Belden 9880 Ethernet coax. It is yellow in color and has black bands at regular intervals.

///snip///

!

!

-----  
Date: Wed, 31 Mar 1999 20:18:08 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-l@lehigh.edu  
Subject: [37023] 20 Ft. fishing Pole enhancement.  
Message-ID: <37028300.2B31@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

This one got lost in the mail, I guess. Sorry if this is a repost: Sent Wed, 31 Mar 1999 17:51:54 +0000

Good morning friends.

I mentioned the other day that I'd like to beef up the Black Widow 20 foot extendable fishing pole we use for

supporting our antennas.

The goal was to ensure (not insure, that costs money :) that high winds or tree movement or a unexpected dog pulling on one of the inverted vee legs wouldn't snap the top section of the pole.

Obviously it is desireable to maintain the gradual strength taper of the top section so it doesn't snap suddenly.

So this morning before work I commandeered (Bambi's cousin?) mom's hairdryer, a small glass tumbler, and a insulating pad to hold the glass. I couldn't find the concentrator for the dryer so planned to focus heat with the glass opposite the mouth of the dryer.

To heat what, you ask?

Ok, 3 sections of 125 deg. C black heatshrink tubing, each 2 feet long. 2 pieces were 3/8 inch I.D. and the other piece is 1/4 inch I.D.

I slipped the 1/4 inch tubing over the tip after locking that tip in place by extending it into the 2nd section as normally used. I did not force the 1/4 inch tubing on, I just slipped it down gently and cut the end of the tubing. I then removed the tubing and cut an extra 1/4 inch so it will finish below the ring at the end of the tip on the rod. I then installed the 3/8 inch tubing all the way down the first fiberglass section. Then slipped the trimmed 1/4 inch tubing over again. Then slipped the bottom tubing up to overlap by about 4 inches. I sandwiched the rod/tubing between the heatgun and glass and it shrunk down tight. (Oh, I made sure the added thickness of the tubing allowed the rod to properly retract for storage. Fine.)

I then took the 3rd section of 3/8 inch tubing and covered the installed tubing such that it overlapped the previous 4 inch overlap formed. This left the 3rd tubing about 4 to 6 inches below the tip. I heated it up and it was tight as well.

Results. I didn't get calibrated weights for a before and after bend test -- sorry. I normally would have such data, but I decided to just go for it and let others measure.

All I know is that the tip is much stronger and still has the log taper increase in strength that is gradual, and there appears to be no new "Shear Zones" where the rod is suddenly stronger. Therefore I expect it will still buffer sudden tugs yet allow heavier feedline

or perhaps a Lattin 5 band wire antenna to be installed. Yes, that is one of the goals.

I plan to utilize Dave Epps' successful implementation of multi-ribbon wire for feedline and light antenna. I will use the antenna analyzer to get these interactive wires tamed for their respective bands. At least close enuf to tune easily, or perhaps get lucky and have the option of a no-tuner antenna.

I'll report on my field test next Monday. I will operate an inverted Vee as Net Control for WSN-40 this Saturday. 7040 KHz, Always 9:00 AM Pacific Time.

Best fun to all, and I hope this information is useful.

72/ Smilin' ED WE6W/6

--

-Ed AR QRP Millennium QSO's=537/2000

72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

-----

Date: Wed, 31 Mar 1999 13:51:47 -0800

From: "Arthur G. Silvers" <ags@ieee.org>

To: qrp-l <qrp-l@Lehigh.EDU>

Subject: [37024] Unidentified Carriers on 20 Meters.

Message-ID: <370298F3.ADD210D5@ieee.org>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Does anyone have a clue as to the source and purpose of two signals that I've noticed at 14.000MHz and 14.060MHz. Actually they are sort of handy in that they identify the edge of the band and the QRP calling frequency for those that do not have direct frequency readout. They are, however, constant CW signals that never id and it seems a high price to pay in terms of additional QRM. I'm surprised that the FCC doesn't shut them down. Does anyone else notice these signals or is it just me 8~0?

73 Arth W6AGS

-----

Date: Wed, 31 Mar 1999 17:51:54 +0000

From: Ed Loranger <we6w@qsl.net>

To: qrp-l@lehigh.edu

Subject: [37025] 20 Ft. fishing Pole enhancement.

Message-ID: <370260BA.B6@qsl.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Good morning friends.

I mentioned the other day that I'd like to beef up the Black Widow 20 foot extendable fishing pole we use for supporting our antennas.

The goal was to ensure (not insure, that costs money :) that high winds or tree movement or a unexpected dog pulling on one of the inverted vee legs wouldn't snap the top section of the pole.

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left the 3rd tubing about 4 to 6 inches below the tip. I heated it up and it was tight as well.

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72/ Smilin' ED WE6W/6

--

-Ed AR QRP Millennium QSO's=537/2000

72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA

QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

-----  
Date: Wed, 31 Mar 1999 15:57:00 -0600

From: Karl.Kanalz@optelinc.com

To: montp@synacom.com

Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [37026] Re: ethernet terminator question

Message-ID: <86256745.0078E55F.00@hdqsmtp01.optelinc.com>

Mime-Version: 1.0

Content-type: text/plain; charset=us-ascii

Content-Disposition: inline

Just fine --- very limited in power-handling capability, though--- about a 1/4 resistor is (typically) used.

50-ohms, 1% tolerance!

Karl K - W8TIF  
McKinney, Texas

"Mont Pierce, KM6WT" <montp@synacom.com> on 03/31/99 02:48:05 PM

Please respond to montp@synacom.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: ethernet terminator question

How would an ethernet network coax terminator work  
as a dummy load for qrp rigs?

73,  
km6wt

-----  
Date: Wed, 31 Mar 1999 16:57:48 -0500  
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [37027] Re: Tuners: 949 vs 969  
Message-ID: <37029A5C.BCA3F1A4@gly.fsu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Tnx to everybody for comments on the matching networks.

Got a variety of really helpful suggestions. I am still evaluating what to

buy.

Two people recommended the LDG auto tuner. I am not familiar with it but I will check it out. Based on their web page, I am not sure if it can be used with balanced line. I would rather use coax but most of the long wires seem to prefer ladder line feeds in order to keep RF out of the shack.

The hf radio will only see intermittent use so I would be surprised if the MFJ tuners were not sturdy enough. I have a 949 at the house that is 10 yrs old and still works satisfactorily..more or less. Electrically, the unit works fine but the set screw on the inductor knob has scored the shaft and it is very difficult to switch coil taps.

I will post a report when the issue get resolved.

Tnx agn to everyone.

Henry

-----  
Date: Wed, 31 Mar 1999 17:41:33 EST  
From: FrConrad@aol.com  
To: phillips@msoe.edu, qrp-1@lehigh.edu  
Subject: [37028] Re: coax  
Message-ID: <f99e943f.3702a49d@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

In a message dated 3/31/99 9:33:10 AM Pacific Standard Time, phillips@msoe.edu writes:

<<  
Knowledgable Gang,  
I have about 500 feet of Belden 9880 Ethernet coax. It is yellow in color and has black bands at regular intervals. I wonder if this could be used as antenna feed line?

>>

Dear Richard,

The answer is "Yes". The only question is how well it will work.

John+  
WB6MFS

-----  
Date: Wed, 31 Mar 1999 16:10:55 -0700  
From: Bob Hightower <ki7mn@extremezone.com>  
To: nilsbull@juno.com  
Cc: qrp-1@lehigh.edu  
Subject: [37029] Re: A little travelling music, maestro! & road cases in general  
Message-ID: <199903312312.QAA09995@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 02:17 PM 3/31/99 -0500, you wrote:

>Gang,

>

>Well, it weren't appendicitis. But in addition to having joined the  
>Dunlap Detail and the Bifocal Brigade and the Suspender Squad, I now am  
>being admitted to the Hernia Horde. Later this summer, just before  
>vacation I'll try some new drugs and enjoy being under while the  
>sturgeons have at me. Ah, bliss. Yeah, right.

Well, Nils, it looks like all you have to look forward to is to become a  
member of the Denture Division. Then you'll be finished with just about all  
of it :^)

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

-----  
Date: Wed, 31 Mar 1999 16:12:45 -0700  
From: Bob Hightower <ki7mn@extremezone.com>  
To: qrp-1@lehigh.edu  
Subject: [37030] Final wiring of QRP-PA  
Message-ID: <199903312312.QAA10053@enterprise.extremezone.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Anyone completed the QRP-PA in their Sierra? I'd like some assistance in  
the final wiring/hookup to the rig. Everything seems to check out OK per  
the function check, so I don't want to blow it by putting it into the unit  
wrong.



72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

-----  
Date: Wed, 31 Mar 1999 18:21:16 EST  
From: "Kent, AE4Y" <ae4y@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [37031] Re: 10m Foxhunt....  
Message-ID: <19990331232117.65726.qmail@hotmail.com>  
Mime-Version: 1.0  
Content-type: text/plain

I'm probably the only one in the room that doesn't know about these Fox Hunts, but could you tell me where to go for more information?

Kent, AE4Y

QRP ARCI #4175    QRP-L #1844  
Visit: <http://www.qsl.net/ae4y/>

>From: "KA5T Larry Wise" <lewise@inetport.com>  
>Reply-To: lewise@inetport.com  
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
>Subject: 10m Foxhunt....  
>Date: Tue, 30 Mar 1999 23:14:11 -0800  
>  
>  
>I trust that everyone has not forgotten Chuck's Summer 10M Foxhunt  
>which is running now...  
>  
>Started May 9, 1998 and runs til August 31, 1999....  
>  
>Rules version 1.1 June 9, 1998.....  
>  
>Larry KA5T  
>  
>

Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Wed, 31 Mar 1999 18:11:09 -0500  
From: Dick Rucker <rrucker@clark.net>  
To: phillips@msoe.edu  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [37032] Re: coax  
Message-ID: <v04011701b3285a03c098@[207.196.47.58]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>Knowledgable Gang,  
>I have about 500 feet of Belden 9880 Ethernet coax. It is yellow in color  
>and has black bands at regular intervals. I wonder if this could be used  
>as antenna feed line? I think it is 50 ohm impedance but do not know how  
>it would take weather. Anyone familiar with this stuff?

Rich,

I believe the yellow color indicates that the coax you have is  
"plenum-rated"; i.e., if it gets hot, it won't emit noxious fumes; it is  
fire-safe and can be used to wire up buildings in overhead and underfloor  
spaces. The black bands indicate where the cable can be tapped for  
Ethernet bridges to connect terminals.

You can really pay a premium for this stuff. I saw a quote for the  
plenum-rated equivalent of RG-213 for around \$6 a foot! (We found it  
cheaper elsewhere, but still at a premium relative to good old RG-213.)

I don't know how UV resistant the outside covering is, since it is intended  
for indoor use, but otherwise it should be quite rugged.

Dick

Richard A. "Dick" Rucker  
City of Fairfax, VA  
Amateur radio KM4ML

-----  
Date: Wed, 31 Mar 1999 18:31:35 -0500

From: Bruce Muscolino <w6toy@erols.com>  
To: whowell@hq.nasa.gov  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [37033] Re: surplus stuff  
Message-ID: <3702B057.6607@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Scott,

Thank you for the excellent pointer to this site. I had forgotten about it! One point of obvious interest to all who inhabit this list is the NEW surplus J-38 keys he advertises under Parts and Supplies. I bought two of the non-Lionel keys from him a year or more back which I later resold (at cost) to members of this list. He lists the non-Lionel J-38 for \$35.00 and the Lionel for \$75.00. Makes an old timer glad he bought his Lionel J-38 40 years ago for \$1.25!

73

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End of QRP-L Digest 1412

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